

## LOOPS

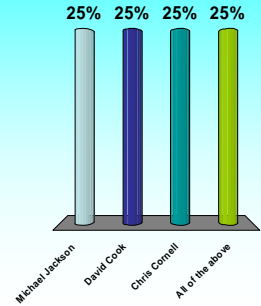
How about those loops you make me go through, or is it hoops?

You keep me hanging on!



Billie Jean has being sung by

1. Michael Jackson
2. David Cook
3. Chris Cornell
4. All of the above



## Output of last line

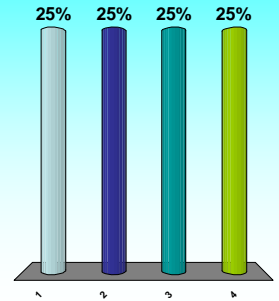
```
for i=1:1:3  
end  
i
```

- 1
- 2
- 3
- 4

## Output of last line

```
for i=1:2:3  
end  
i
```

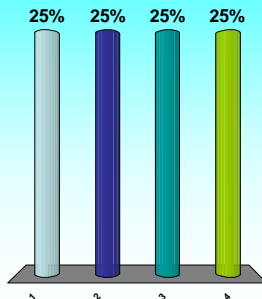
- 1
- 2
- 3
- 4



## Output of last line for

```
i=1:3:3  
end  
i
```

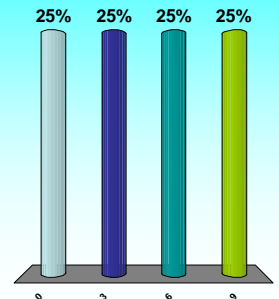
- 1
- 2
- 3
- 4



## Output of last line

```
abc=0  
for i=1:1:3  
abc=abc+3  
end  
abc
```

- 0
- 3
- 6
- 9



**Output of last line**  
 abc=3  
 for i=1:1:3  
 abc=abc+i  
 end  
 abc

A. 3  
 B. 6  
 C. 9  
 D. 12

Index	Percentage
1	25%
2	25%
3	25%
4	25%

**Output of last line**  
 abc=0  
 for i=1:1:3  
 abc=abc+i  
 end  
 abc

A. 0  
 B. 3  
 C. 6  
 D. 9

Index	Percentage
1	25%
2	25%
3	25%
4	25%

**Output of last line**  
 abc=3  
 for i=1:2:5  
 abc=abc+i  
 end  
 abc

A. 5  
 B. 8  
 C. 9  
 D. 12

Index	Percentage
1	25%
2	25%
3	25%
4	25%

**END**

**LOOPS**

Run in circles!

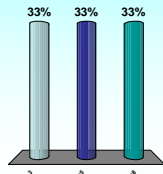
The percentage of bosses that think that their jokes are “very funny” is

A. 3  
 B. 95  
 C. 98

Index	Percentage
1	33%
2	33%
3	33%

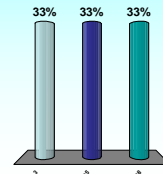
This percentage of employees who think that their bosses are “very very funny” is

- A. 3
- B. 95
- C. 98



This percentage of employees think that their bosses are “very very funny” when the boss is conducting the survey is

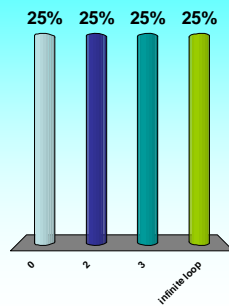
- A. 3
- B. 95
- C. 98



**Output of last line**

```
i=0
while (i<=3)
  abc=i
end
abc
```

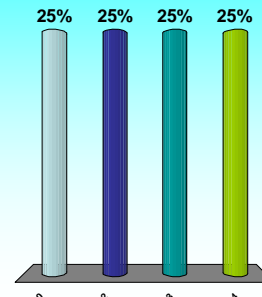
- A. 0
- B. 2
- C. 3
- D. infinite loop



**Output of last line**

```
i=0
while (i<=3)
  abc=i
  i=i+1
end
abc
```

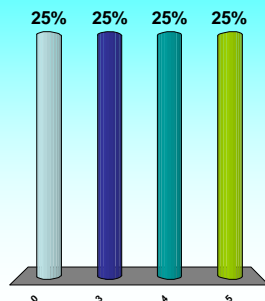
- A. 0
- B. 2
- C. 3
- D. 4



**Output of last line**

```
i=0
while (i<=3)
  i=i+1
  abc=i
end
abc
```

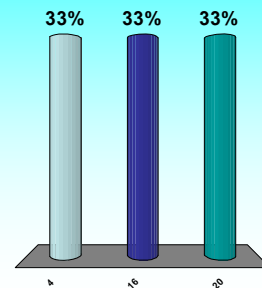
- A. 0
- B. 3
- C. 4
- D. 5



**Output of last line**

```
abc=0;
for i=2:2:4
  abc=i^2;
end
abc
```

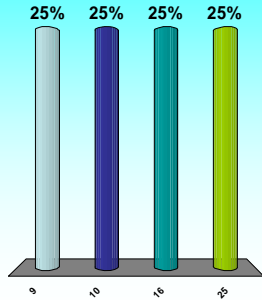
- A. 4
- B. 16
- C. 20



**Output of last line is**

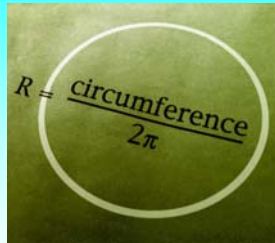
```
abc=0
for i=1:2:4
    abc=i^2;
end
abc
```

- A. 9
- B. 10
- C. 16
- D. 25



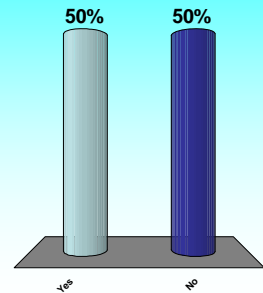
**END**

**More loops**



I plan to see the movie "This is it"

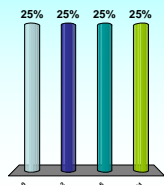
- 1. Yes
- 2. No



**The output of the last line is**

```
for i=1:1:3
    for j=1:1:2
        s=i*j;
    end
end
s
```

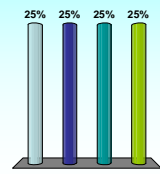
- A. 0
- B. 2
- C. 6
- D. 11



**The output of the last line is**

```
s=5;
for i=1:1:3
    for j=1:1:2
        s=i*j;
    end
end
s
```

- A. 1
- B. 5
- C. 6
- D. 11



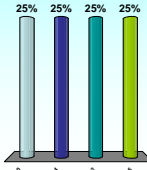
**The output of the last line is**

```

sum1=0;
for i=1:1:3
  for j=1:1:3
    sum1=sum1+4;
  end
end
sum1

```

A. 0  
B. 4  
C. 12  
D. 36



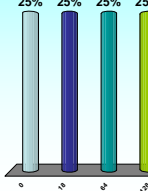
**The output of the last line is**

```

sum1=0;
for i=1:1:3
  for j=1:1:3
    sum1=sum1*2;
  end
end
sum1

```

A. 0  
B. 18  
C. 64  
D. 128



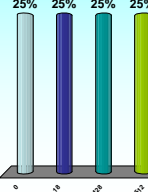
**The output of the last line is**

```

sum1=1;
for i=1:1:3
  for j=1:1:3
    sum1=sum1*2;
  end
end
sum1

```

A. 0  
B. 18  
C. 128  
D. 512



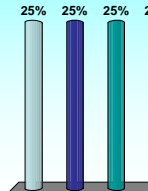
**The output of the last line is**

```

i=0;
while i<=4
  j=i*3;
  i=i+1;
end
j

```

A. 0  
B. 5  
C. 12  
D. 15



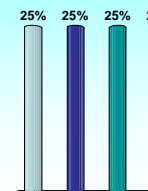
**The output of the last line is**

```

i=0;
while i<=4
  i=i+1;
  j=i*3;
end
j

```

A. 0  
B. 5  
C. 12  
D. 15



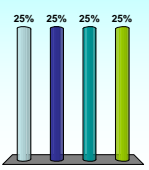
**The output of the last line is**

```

f=inline('x^2');
sum=f(2)+f(4)

```

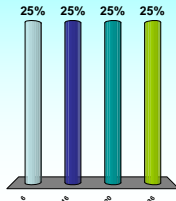
A. 4  
B. 6  
C. 16  
D. 20



The output of the last line is

```
f=inline('x^2');
sum=f(2+4)
```

- A. 6
- B. 16
- C. 20
- D. 36

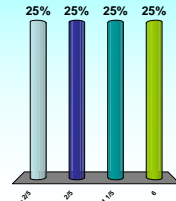


```
function out=valfun(f,a,b)
% f= function of x
% a= input real number
% b= input real number
out=(f(a)-b)/5
```

is saved in valfun.m file, what would be the output of the last line of the following test program

```
g=inline('2*x')
outvalue=valfun(g,3,4)
```

- A. -2/5
- B. 2/5
- C. 6/5
- D. 6



The output of the last line is

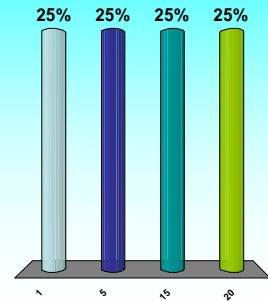
```
for i =1:1:2
    a(i,i)=0;
end
sum1=0;
for i=1:1:2
    for j=1:1:2
        sum1=sum1+5;
    end
end
sum1
```

- A. 0
- B. 5
- C. 10
- D. 20

Output of last line

```
abc=20
for i=1:1:5
    abc=i
```

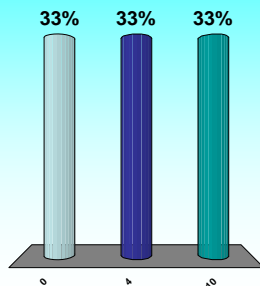
- ```
end
abc
```
- A. 1
  - B. 5
  - C. 15
  - D. 20



Output of last line

```
abc=0
for i=1:1:4
    abc=abc+i
end
abc
```

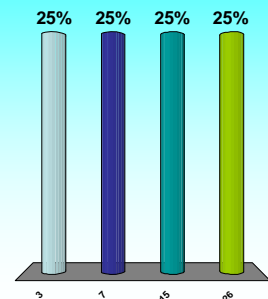
- A. 0
- B. 4
- C. 10



Output of last line

```
abc=0;
for i=1:1:5
    abc=abc+3;
```

- ```
end
abc
```
- A. 3
  - B. 7
  - C. 15
  - D. 26



**Output of last line**

```
abc=5;  
for i=1:1:4  
    abc=abc+2;  
end  
abc
```

- A. 5
- B. 7
- C. 8
- D. 13

