

# [SDB] I2C L6 27OCT22

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\* Required

1. Roll No (if you have)

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2. Your Name \*

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3. 

```
double k = 0;
for (k = 0.0; k < 3.0; k++)
    printf("Hello");
```

*Mark only one oval.*

- ☐ Hello printed thrice
- ☐ Hello printed infinitely
- ☐ Compile time error
- ☐ Hello printed twice

4. 

```
double k = 0;
for (k = 0.0; k <= 3.0; k++)
    printf("Hello");
```

*Mark only one oval.*

- ☐ Hello printed thrice
- ☐ Runtime error
- ☐ Hello printed four times
- ☐ Either 3 or 4 times; Can't say for sure

```
5.  int x = 5;
    if (x < 1)
        printf("hello");
    if (x == 5)
        printf("hi");
    else
        printf("no");
```

*Mark only one oval.*

- ☐ hello
- ☐ hi
- ☐ no
- ☐ hellohi

```
6.  int x = 5;
    if (x < 1);
        printf("Hello");
    return 0;
```

*Mark only one oval.*

- ☐ Nothing
- ☐ Hello
- ☐ Error
- ☐ 0

7.   short i;  
      for (i = 1; i >= 0; i++)  
          printf("%d\n", i);

*Mark only one oval.*

- ☐ The control won't fall into the for loop
- ☐ Numbers will be displayed until the signed limit of short and throw a runtime error
- ☐ Numbers will be displayed until the signed limit of short and program will successfully terminate
- ☐ This program will get into an infinite loop and keep printing numbers with no errors

8.   while ()  
      printf("In while loop ");  
      printf("After loop");

*Mark only one oval.*

- ☐ Compilation error
- ☐ Infinitely prints "In while loop"
- ☐ In while loop After loop
- ☐ Unsure what will happen

9.   int i = 0;  
      do {  
          i++;  
          printf("In while loop ");  
      } while (i >= 3);

*Mark only one oval.*

- ☐ In while loop
- ☐ In while loop In while loop In while loop
- ☐ In while loop In while loop In while loop In while loop
- ☐ Nothing

10. `int c = - -2;`  
`printf("c=%d", c);`

*Mark only one oval.*

☐ `c=2`

☐ `c=1`

☐ Compile error; value of constant expression cannot be changed

11. `int a=10, b=20, c= 0;`  
`if(a,b,c){`  
    `printf("EXAM");`  
    `}`

*Mark only one oval.*

☐ Nothing will be printed

☐ EXAM will be printed

12. `int a=10, b=20, c= 0;`  
`if(a,c,b){`  
    `printf("EXAM");`  
    `}`

*Mark only one oval.*

☐ Nothing will be printed

☐ EXAM will be printed

```
13.  main()
    {
        int i = abc(10);
        printf("%d", --i);
    }

    int abc(int i)
    {
        return(i + i++);
    }
```

*Mark only one oval.*

- ☐ 10
- ☐ 20
- ☐ 22
- ☐ I don't know

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