

Loops Concept

1. What will be the output.

int i;

for (i=1; i<=3; i++)

{

printf("%d", i);

}

- A. 12 B. 123 C. 23
D. 1 2 3 4

2. How many times will the loop run?

count = 0

for i in range (0, 8, 2):

 count += 1

 print(count)

- A. 2 B. 3 C. 4 D. 5

3. Output?

int i=5;

while (i<5) {

 print("Hello");

 i++;

}

- A. Hello B. Hello Hello

- C. No output D. infinite loop

4. Output of nested loops?

for (int i=0; i<2; i++)

{

 for (int j=0; j<3; j++)

{

 printf("*");

}

A. * * *

B. *** * * *

C. * * * *

D. * *

5. What will be printed?

i=1

while i <=3:

 print(i, end="")

i+=1

A. 12 B. 123

- C. 1 D. No output

6. Output?

int i=1;

do {

 printf("%d", i);

 i++;

}

while (i<10);

- A. No output B. 1

- C. 12 D. infinite loop

7. How many times will it execute?

for i in range(5):

 pass

- A. 0 B. 4 C. 5

- D. infinite

8. Output?

for (int i=1; i<=5; i+=2) 12. Output?

{ printf("%d", i); int i=0;

- ?
A. 1 2 3 4 5 B. 1 3 5
C. 2 4 D. 1 4

9. Output?

i=0

while (i<3;

i+=1

printf(i)

- A. 0 B. 1 C. 2 D. 3

10. Output?

for (int i=3; i>0; i--)

{ printf("%d", i);

- ? A. 3 & 1 B. 1 2 3

- C. 3 1 D. 2 3

11. What will this print?

for i range(1,4);

 for j range(2);

 printf(i, end = "")

- ? A. 11 22 33

- B. 121314

- C. 123

- D. 111222333

12. Output?
int i=0;
while (i<5)

{ i++;
 if (i==3) break;
 printf("%d", i);
}

- A. 1 2 3 B. 1 2

- C. 3 D. NO output.

13. How many * are printed?

int count=0;

for (int i=0; i<3; i++)

{ for (int j=0; j<2; j++)

{ count++;

}

}

printf("%d", count);

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

14. What is printed?

for (int i=0; i<3; i++)

{ printf("Hi");

}

Hi Hi Hi

NO output

Hi

Syntax error

Output?

```
int i=1;
while(i<=5)
{
    printf("%d", i*2);
    i++;
}
```

A. 2 4 6 8 10

B. 1 2 3 4 5

C. 2 3 4 5

D. No output

6. Output?

```
int i=0;
do {
    printf("%d", i);
    i+=2;
} while(i<5);
```

A. 0 2 4

B. 0 2

C. 2 4

D. 0 4

17. What will be the output of the following code?

```
int i;
for(i=0; i<5; i++)
{
    if(i==3)
        break;
    printf("%d", i);
}
return 0;
```

A. 0 1 2 3 4 B. 0 1 2

C. 3 4 D. 0 1 2 3

18. What is the output?

```
int i;
for(i=1; i<5; i++)
    continue;
printf("%d", i);
return 0;
```

A. 5 B. 6 C. 1 D. infinite.

19. Out of nested loop?

```
#include <stdio.h>
int main()
{
    for(int i=1; i<12; i++)
    {
        for(int j=1; j<=3; j++)
        {
            printf("%d %d", i, j);
        }
    }
    return 0;
}
```

A) 11 12 13 21 22 23

B. 12 13 23 24

C. 123 456

D. 11 12 21 22

20. Output of this loop?

```
#include <stdio.h>
int main()
{
    for(int i=0; i<5; i++)
    {
        if(i%2==0)
            continue;
        printf("%d", i);
    }
    return 0;
}
```

A. 0 1 2 3 4

B. 1 3

C. 0 2 4

D. 12 34