

1.

How many times will SunBeam IT Park be printed in this program?

```
#include <stdio.h>
int main( void )
{
    int i = 1;
    for ( ; i<1024 ; i <= 1)
        printf("\n SunBeam IT Park");

    return 0;
}
```

- A. 10
- B. 11
- C. Infinite
- D. The program will show compile-time error

Answer: A

2.

```
#include<stdio.h>
int main( void )
{
    int num1=3,num2=2;

    while(num1+num2-1)
    {
        printf(" %d ",num1-- +num2);
    }

    return 0;
}
```

- A. 4 3 2 1
- B. 5 4 3 2
- C. 6 4 2 1
- D. 5 4 3 1

Answer: B

3.

What's going to happen when we compile and run the following C program?

```
#include <stdio.h>
int main( void )
{
    int value = 0;
    for ( ; value < 7 ; )
    {
        if (value < 7)
        {
            printf("Sun");
            ++value;
        }
        else
            continue;
        printf("Beam");
    }
    return 0;
}
```

- A. Compile Error due to use of `continue` in `for` loop.
- B. No compile error but it will run into infinite loop printing Sun.
- C. No compile error and it will print SunBeam 7 times followed by Beam once.
- D. No compile error and it will print SunBeam 7 times

Answer: D

4.

How many times the below loop will run ?

```
#include <stdio.h>
int main( void )
{
    int value;
    value=0;
    do
    {
        ++value;
        printf("\n %d",value);
        value--;
    }while(value>=0);
    return 0;
}
```

- A. **1**
- B. prints **1** Infinite times
- C. **0**
- D. Compilation Error

Answer: B

5.

```
#include <stdio.h>
```

```
int main( void )
```

```
{
```

```
    int value1 = 4, value2 = 0 ;
```

```
    while ( value1 >= 0 )
```

```
    {
```

```
        if ( value2 == value1 )
```

```
            break;
```

```
        else
```

```
            printf ( "%d %d ", value1, value2 ) ;
```

```
            ++value2 ;
```

```
            --value1 ;
```

```
    }
```

```
    return 0;
```

```
}
```

A. **4 0 3 1**

B. **4 1 3 1**

C. **4 0 3 2**

D. **4 2 3 1**

Answer: A