

## Control Flow Statements



**SUNBEAM**  
Exploring New Ideas Reaching New Heights

1.

```
#include <stdio.h>
int main(void)
{
    if(!printf(""))
        printf("Pune");
    else
        printf("Sunbeam");
    return 0;
}
```

- A. Sunbeam
- B. Sunbeam Pune
- C. Pune
- D. Pune Sunbeam

Answer: C

2.

```
#include <stdio.h>
int main(void)
{
    char var=1;
    if(var--==0)
        printf("DAC");
    else
        printf("DESD");
    return 0;
}
```

- A. DAC
- B. DESD
- C. DAC DESD
- D. DESD DAC

Answer: B

3. #include <stdio.h>

```
int main(void)
{
    if((-1 && 1) || (2 && -2))
        printf("%s", "TRUE");
    else
        printf("%s", "FALSE");
    return 0;
}
```

## Control Flow Statements



SUNBEAM

Exploring New Ideas Reaching New Heights

- A. TRUE
- B. FALSE
- C. Compile time error
- D. Run time error

Answer: A

4.

```
#include <stdio.h>
int main()
{
    int var=3;
    switch(var)
    {
        case 2+3:
            printf("DAC ");
        case 1+2:
            printf("DESD ");
        case 4:
            printf("DMC "); break;
        default:
            printf("DBDA ");
    }
    return 0;
}
```

- A. DAC DESD DMC DBDA
- B. DESD DMC DBDA
- C. DESD DMC
- D. DESD

Answer: C

5.

```
#include<stdio.h>
int main()
{
    short x=1;
    switch(x)
    {
        case 0: printf("Sunbeam ");
        case 2: || case 22: printf("Pune ");
        default: printf("Karad "); break;
    }
    return 0;
}
```

## Control Flow Statements



SUNBEAM

Exploring New Ideas Reaching New Heights

- A. Sunbeam Pune
- B. Pune Karad
- C. Sunbeam Karad
- D. Compile time error

Answer: D

6.

```
#include <stdio.h>
int main()
{
    int var=2;
    switch(var/2)
    {
        case NULL:
            printf("Sunbeam ");
        case 0:
            printf("DAC ");
        default:
            printf("DESD ");
            break;
    }
    return 0;
}
```

- A. Sunbeam DAC
- B. Sunbeam DAC DESD
- C. Sunbeam
- D. Compile time error

Answer: D

7.

```
#include <stdio.h>
int main()
{
    int var;
    var=3>4?5:1!=2<5?11:22;
    printf("%d", var);
    return 0;
}
```

- A. 11
- B. 22
- C. 5
- D. 1

Answer: B

8.

```
#include <stdio.h>
int main()
{
    int var1=1,var2=0;
    int var = (var1++,var2++)?var1:var2=1;
    printf("%d",var);
    return 0;
}
```

- A. 1
- B. 0
- C. 2
- D. Compile time error

Answer: D

9.

```
#include <stdio.h>
int main()
{
    int loop=2;

    while(printf("Sunbeam ") && loop--);
    return 0;
}
```

- A. Sunbeam Sunbeam
- B. Sunbeam
- C. Sunbeam Sunbeam Sunbeam
- D. None

Answer : C

10.

if input is given as 1.

```
#include <stdio.h>
int main()
{
    int num;
    while(scanf("%d",&num)==1)
    {
        printf("Sunbeam");
    }
    return 0;
}
```

## Control Flow Statements



SUNBEAM

Exploring New Ideas Reaching New Heights

- A. Runtime\_error and Compile time error
- B. Compile time error and Runtime\_error
- C. Syntax error and Syntax error
- D. accepts num value and prints sunbeam infinite times

Answer : D

11.

```
#include <stdio.h>
int main()
{
    int a=5,num=0;
    while(num<=~(~a))
    {
        num++;
    }
    printf("%d ",num);
    return 0;
}
```

- A. 5
- B. 6
- C. 0
- D. 1

Answer: B

12.

```
#include<stdio.h>
int main()
{
    int val=0;
    for(;;)
    {
        if(val==10)
            break;
        printf("%d ",++val);
    }
    return 0;
}
```

- A. 11
- B. Compile time error
- C. 0 1 2 3 4 5 6 7 8 9
- D. 1 2 3 4 5 6 7 8 9 10

Answer: D

13.

```
#include<stdio.h>
int main()
{
    int var=0,j;
    for(j=0;j<=5;j+=2)
        switch(j)
        {
            case 1: var++;
                    break;
            case 2:
                    var+=2;
            case 4:
                    var%=2;
                    j=-1;
                    continue;
            default:
                    --var;
                    continue;
        }

    printf("%d",var);
    return 0;
}
```

- A. 0
  - B. 1
  - C. Garbage value
  - D. Compiler error
- Answer: A

14.

```
#include <stdio.h>
int main()
{
    int a=(1,2,3);
    int b=(3,2,1);

    for(; a>0; a--);
        printf("%d ", a*b);

    return 0;
}
```

## Control Flow Statements



SUNBEAM  
Exploring New Ideas Reaching New Heights

- A. 3
- B. 0
- C. 1
- D. 4

Answer: B

15.

```
#include <stdio.h>
int main()
{
    char val=0;

    for(;val++;printf("%d",val));
        printf("%d",val);

    return 0;
}
```

- A. 0
- B. 1
- C. Runtime Error
- D. Compiletime Error

Answer: B

16.

```
#include <stdio.h>
int main()
{
    int val=2, num=3, var=4;
    do
    {
        do
        {
            var--;
        }while(var==0);

        num -=val;

    }while(val--);

    printf ("%d %d", num,var);
    return 0;
}
```

## Control Flow Statements



**SUNBEAM**  
Exploring New Ideas Reaching New Heights

A. 1 0

B. 0 1

C. 1 1

D. 0 0

Answer: B