

```
1. main() { int p;
           for( p=1; p<=10,--p ; p =p+2 )
             printf( " Hello " );
             printf( " hi " );
           }
```

```
2. main(){   int i;
            for (i=5; ++i; i -=3)
              printf("%d ",i);
            }
```

```
3. void main()
{
    int i = 0,j = 0;

    for (i = 0;i < 5; i++)

        {           for (j = 0;j < 4; j++)

                    {

                        if (i > 1)        continue;

                        printf("Hi \n");

                    }

        }

}
```

```
4. int main()   {

    int a = 0, i = 0, b;

    for (i = 0;i < 5; i++)

        {   printf("in loop: i=%d\n");

            a++;

            if (i == 3)        break;

        }

}
```

5. int main()

```
{
    int i = 0;
    for (i = 0; i < 5; i++)
        if (i < 4){
            printf("Hello");
            break;
        }
}
```

6. int main()

```
{
    int i=0;
    for(i=0; i<20; i++)
    {
        switch(i)
        {
            case 0: i+=5;
            case 1: i+=2;
            case 5: i+=5;
            default: i+=4;
            break;
        }
        printf("%d\n", i);
    }
    return 0;
}
```

7. int main()

```
{
    int n;
    for(n = 7; n!=0; n--)
        printf("n = %d\n", n - -);
    return 0;
}
```

8.

```
int main()
{
    unsigned int i=10;
    while(i-- >= 0)
        printf("%u ",i);
    return 0;
}
```

9. int main()

```
{
int i = 1;
    do
    {
        printf("%d\n", i);
        i++;
        if (i < 15)
            continue;
    } while (0);

return 0;
}
```

10. int main ()

```
{
int i, j, sum = 0;
for(i = 1;i<=n;i++)
    for(j=i;j<=i;j++)
        sum=sum+j;
printf("%d\n",sum);
}
```

```
11.  int main()
    {
        int i = 0;
        do
        {
            i++;
            if (i == 2)
                continue;
            printf("In while loop ");
        } while (i < 2);
        printf("%d\n", i);
    }
```

```
12.  int main()
    {
        int i = 0, j = 0;
        for (i; i < 2; i++)
        {
            for (j = 0; j < 3; j++)
            {
                printf("inner loop\n");
                break;
            }
            printf("outer loop\n");
        }
        printf("after loop\n");
    }
```

13. int main()

```
{  
    int i = 0;  
    char c = 'a';  
    while (i < 2){  
        i++;  
        switch (c) {  
            case 'a':  
                printf("%c ", c);  
                break;  
                break;  
        }  
    }  
    printf("after loop\n");  
}
```

14.

void main()

```
{  
    int var=1;  
    switch(var<<2+var)  
    {  
        default:printf("Chennai");  
        case 4: printf("Hyderabad");  
        case 5: printf("Vector");  
        case 8: printf("Bangalore");  
    }  
}
```

15. main() {

```
    int x = 5, y = 2 ;
    char op = '*' ;
    switch ( op )
    {
        default : x += 1 ;
        case '+' : x += y ;
        case '-' : x -= y ;
    }
    printf("%d",x);
}
```

16. main() {

```
    int n, sum=1;
    switch(n)
    {
        case 2:sum=sum+2;
        case 3:sum*=2;
        break;
        default : sum=0;
    }
}
```

If n=2, what is the value of sum

17. main()

```
{
    int i=9;
    switch(i)
    {
        printf("hello");
        case 9 : printf("abc");
        break;
        default : printf("def");
    }
}
```

18.int main(){ int i = 65;

```
    switch(i)
    {
        case 65:
            printf("Integer 65");
            break;
        case 'A':
            printf("Char 65");
            break;
        default:
            printf("Bye");
    }
}
```

19.

```
int main()
{
    int i = 0;
    while(i < 3, i = 0, i < 5)
    {
        printf("%d ",i++);
    }
}
```

```
20. int main(){
    int x=011,i;
    for(i=0;i<x;i+=3){
        printf("Start ");
        continue;
        printf("End");
    }
    return 0;
}
```