

Assignment - 4 Iterative Control Str

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(1) W.A.P to Print mySirGh 5 times on the Screen

```
i = 1;
while (i <= 5)
    printf("mySirGh");
    i++;
```

```
i = 1;
do {
    printf("mySirGh");
    i++;
} while (i <= 5)
```

```
int i = 1;
for (i = 1; i <= 5; i++)
    printf("mySirGh");
```

(2) W.A.P to Print the First 10 natural numbers.

```
int i = 1;
while (i <= 10)
    printf("%d", i);
    i++;
```

```
int i = 1;
do {
    printf("%d", i);
    i++;
} while (i <= 10)
```

```
int i = 1;
for (; i <= 10; i++)
    printf("%d", i);
```

(3) W.A.P to Print the First 10 natural number in Reverse order.

```
int i, rev, n, rem = 0;
for (i = 10; i >= 1; i--)
    rem
```

```
int i = 10;
while (10 >= i)
    printf("%d", i);
    i--;
```

```
int i = 10;
do {
    printf("%d", i);
    i--;
} while (10 >= i)
```

```
int i;
for (i = 10; i >= 1; i--)
    printf("%d", i);
```

(4) W.A.P to Print the First 10 odd natural numbers.

1, 3, 5, 7, 9, 11, 13, 15, 17, 19

```
For ( i = 1; i <= 10; i++)
```

```
PrintF( " %d", 2*i-1 );
```

(5) W.A.P to Print the First 10 odd natural numbers in reverse order.

19, 17, 15, 13, 11, 9, 7, 5, 3, 1

```
For ( i = 10; i >= 1; i--)
```

```
PrintF( " %d", 2*i-1 );
```

(6) W.A.P to Print the First 10 even natural numbers.

2, 4, 6, 8, 10, 12, 14, 16, 18, 20

```
For ( i = 1; i <= 10; i++)
```

```
PrintF( " %d", 2*i );
```



(7) W.A.P to Print the First 10 even natural numbers in reverse order.

20, 18, 16, 14, 12, 10, 8, 6, 4, 2

```
For (i = 10; i >= 1; i--)
```

```
PrintF("%d", 2*i);
```

(8) Write .A. P to Print Square of the First 10 natural numbers.

1, 4, 9, 16, 25, 36, 49, 64, 81, 100

```
For (i = 1; i <= 10; i++)
```

```
PrintF("%d", i*i);
```

(9) Write .A. P to Print Cubes of the First 10 natural numbers.

1 8 27 64 125 216 343 512 729 1000

```
For (i = 1; i <= 10; i++)
```

```
PrintF("%d", i*i*i);
```

```

int i = 1
for (i = 1; i <= 10; i++)
    printf("%d", i * i);

```