

# C Language

## Iterative Control instruction

Part-1



Saurabh Shukla (MySirG)

# Agenda

- ① Iterative control statements
- ② while loop
- ③ Practice problems

# Iterative Control Statements (loop)

- ① while
- ② do while
- ③ for

MainC1

{

==

while ( )

{

{

==

==

}

==

==

}

Keyword  
↓

While

while (condition)

{

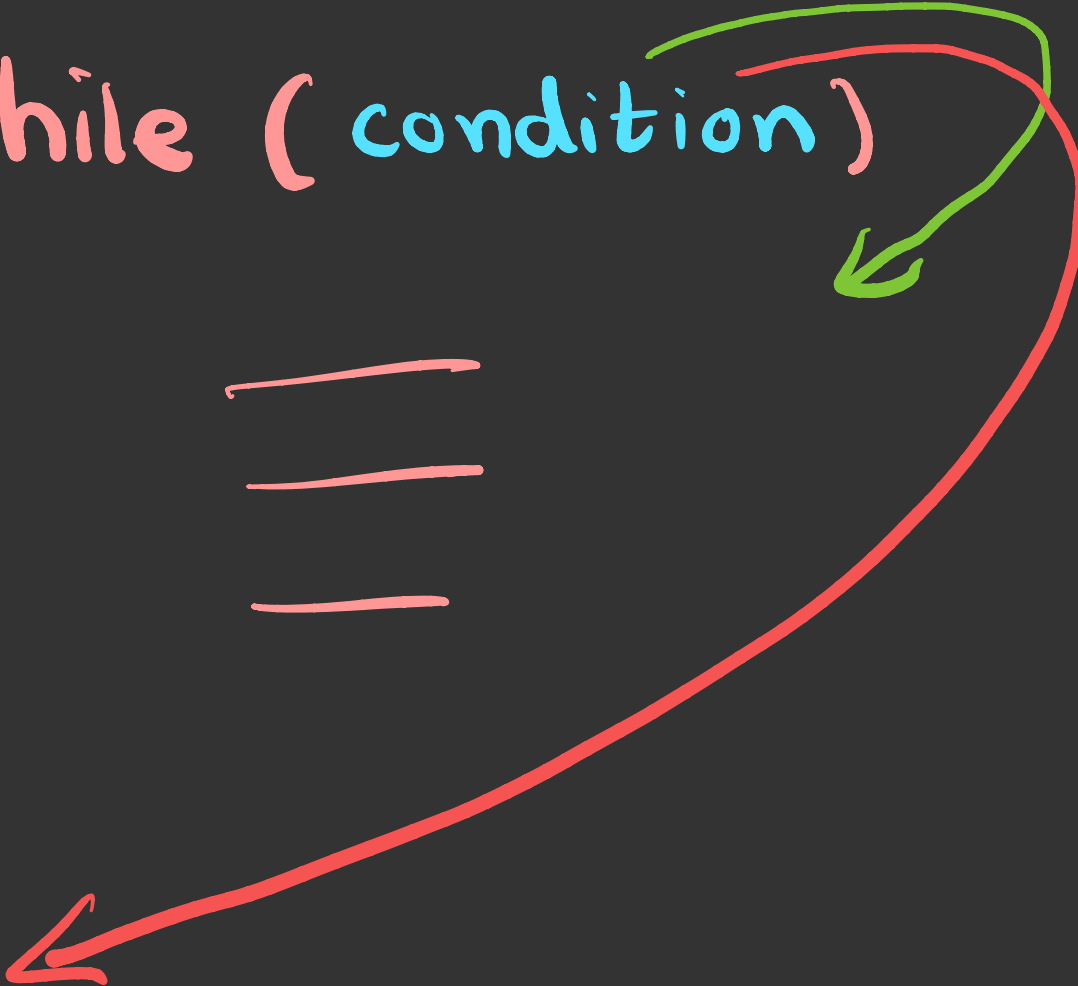
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

}

True

False

while  
block



Write a program to print **MySirG**  
5 times on the screen.

```
int main ( )
```

```
{
```

```
    int i = 1 ;
```

```
    while ( i <= 5 )
```

```
    {
```

```
        printf ("MySirG");
```

```
        i++;
```

```
    }
```

```
}
```



Write a program to print first 10 natural numbers.

Write a program to print first  $N$  natural number-.

Find Output of the program

```
int main()
{
    int i=0;

    while (i <= 6)
    {
        if (i % 2)
            i = i - 3;
        else
            i = i + 5;
        printf("%d ", i);
    }
}
```