Assignment - 4
A Job Ready Bootcamp in C++, DSA and IOT MySirG
Iterative Control Statements

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

```c
#include<stdio.h>
int main(){
    int i = 0;
    while(i<5){
        printf("MySirG\n");
        i++;
    }
    return 0;
}
```

2. Write a program to print the first 10 natural numbers.

```c
#include<stdio.h>
int main(){
    int i = 1;
    while(i<11){
        printf("%d\n",i);
        i++;
    }
    return 0;
}
```

3. Write a program to print the first 10 natural numbers in reverse order

```c
#include<stdio.h>
int main(){
    int i = 10;
    while(i>0){
        printf("%d\n", i);
        i--;
    }
    return 0;
}
```

4. Write a program to print the first 10 odd natural numbers

```c
#include<stdio.h>
int main(){
    int n=0;
    while(n<10){
        printf("%d\n",2*n+1);
        n++;
    }
    return 0;
}
```

5. Write a program to print the first 10 odd natural numbers in reverse order.

```c
#include<stdio.h>
int main(){
    int n=9;
    while(n>=0){
        printf("%d\n",2*n+1);
        n--;
    }
    return 0;
}
```

6. Write a program to print the first 10 even natural numbers

```c
#include<stdio.h>
int main(){
    int n=1;
    while(n<11){
        printf("%d\n",2*n);
        n++;
    }
    return 0;
}
```

7. Write a program to print the first 10 even natural numbers in reverse order

```c
#include<stdio.h>
int main(){
    int n=10;
    while(n>=1){
        printf("%d\n",2*n);
        n--;
    }
    return 0;
}
```

8. Write a program to print squares of the first 10 natural numbers

```c
#include<stdio.h>
int main(){
    int n=1;
    while(n<11){
        printf("%d\n",n*n);
        n++;
    }
    return 0;
}
```

9. Write a program to print cubes of the first 10 natural numbers

```c
#include<stdio.h>
int main(){
    int n=1;
    while(n<11){
        printf("%d\n",n*n*n);
        n++;
    }
    return 0;
}
```

10. Write a program to print a table of 5.

```c
#include<stdio.h>
int main(){
    int i=1,n;
    printf("Enter a number to find table of: ");
    scanf("%d", &n);
    while(i<11){
        printf("%d\n",i*n);
        i++;
    }
    return 0;
}
```