Assignment 4:

Iterative Control Statements

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

```c
#include <stdio.h>

int main()
{
    int n = 1;
    while(n<=5){
    printf("MySirG\n");
    n++;
}
    return 0;
}
```

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

```c
#include <stdio.h>

int main()
{
    int n = 1;
    while(n<=10){
    printf(" %d ",n);
    n++;
}
    return 0;
}
```

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

```c
#include <stdio.h>

int main()
{
    int n = 10;
    while(n>=1){
    printf(" %d ",n);
    n--;
}
    return 0;
}
```

Assignment 4:

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

```c
#include <stdio.h>

int main()
{
    int i = 1;
    while(i<=10){
        if(i%2 != 0)
         printf(" %d ",i);
    i++;
    }
    return 0;
}
```

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

```c
#include <stdio.h>

int main()
{
    int i = 10;
    while(i>=1){
        if(i%2 != 0)
         printf(" %d ",i);
    i--;
    }
    return 0;
}
```

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

```c
#include <stdio.h>

int main()
{
    int i = 1;
    while(i<=10){
        if(i%2 == 0)
         printf(" %d ",i);
    i++;
    }
    return 0;
}
```

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

```c
#include <stdio.h>

int main()
{
    int i = 10;
    while(i>=1){
        if(i%2 == 0)
          printf(" %d ",i);
    i--;
    }
    return 0;
}
```

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

```c
#include<stdio.h>

int main()
{
    int i = 1;
    while(i<=10){

        int square = i*i;
        printf(" %d ",square);
    i++;
    }
    return 0;
}
```

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

```c
#include<stdio.h>

int main()
{
    int i = 1;
    while(i<=10){

        int cube = i*i*i;
        printf(" %d ",cube);
    i++;
    }
    return 0;
}
```

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

```c
#include<stdio.h>

int main()
{
    int i = 1;
    while(i<=10){

        int table = 5 * i ;
        printf(" %d \n",table);
    i++;
    }
    return 0;
}
```