

# Iterative Control Statements

## Assignment:-4

**Name:- Sourav Samanta**

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

**Ans:-**

```
#include<stdio.h>
int main()
{
    for(i=1;i<6;i++)
        printf("MySirG\n");
    return 0;
}
```

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

**Ans:-**

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

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

**Ans:-**

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

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

**Ans:-**

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

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

**Ans:-**

```
#include<stdio.h>
int main()
{
    int i;
    for(i=1;i<11;i++)
        printf("%d ",21-2*i);
    return 0;
}
```

```
}
```

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

**Ans:-**

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

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

**Ans:-**

```
#include<stdio.h>
int main()
{
    int i;
    for(i=1;i<11;i++)
        printf("%d ",22-2*i);
    return 0;
}
```

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

**Ans:-**

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

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

**Ans:-**

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

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

**Ans:-**

```
#include<stdio.h>
int main()
{
    int i;
    for(i=1;i<11;i++)
        printf("5 x %2d = %2d\n",i,5*i);
    return 0;
}
```

