

## Assignment - 5

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

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, n;
```

```
    printf("Enter a Number");
```

```
    scanf("%d", &n);
```

```
    for(i=1; i<=n; i++)
```

```
    {
```

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

```
    }
```

```
    return 0;
```

```
}
```

2. Write a program to print the first N natural Numbers.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, n;
```

```
    printf("Enter a Number");
```

```
    scanf("%d", &n);
```

```
    for(i=1; i<=n; i++)
```

```
    {
```

```
        printf("%d", i);
```

```
    }
```

```
    return 0;
```

```
}
```

- (3) Write a program print first N Natural number reverse order.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
int i, n;
```

```
printf("Enter a Number");
```

```
scanf("%d", &n);
```

```
for(i = n; i >= 1; i--)
```

```
{
```

```
printf("%d", i);
```

```
}
```

```
return 0;
```

```
}
```

$n = 2$

$i = 2$

$2 > 2$

2 1

(10)

10

$10 > 2$

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
int i, n;
```

```
printf("Enter a Number");
```

```
scanf("%d", &i);
```

```
for(i = n; i >= 1; i--)
```

```
{
```

```
if(i > 0)
```

```
{
```

```
printf("%d", i);
```

```
}
```

```
return 0;
```

```
}
```

$n = 5$

(5)

$5 < 5$

4 1

5 4 3 2 1

Q4: Write a program to <sup>first</sup> print N Natural Number.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, n;
```

```
    printf("Enter a Number");
```

```
    scanf("%d", &n);
```

```
    for(i=1; i<=n; i+=2)
```

```
{
```

```
        printf("%d\n", i);
```

```
}
```

```
    return 0;
```

```
}
```

Q5: Write a program to ~~first~~ print first N even Natural Number.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, n;
```

```
    printf("Enter a Number");
```

```
    scanf("%d", &n);
```

```
    for(i=2; i<=n; i+=2)
```

```
{
```

```
        printf("%d", i);
```

```
}
```

```
    return 0;
```

```
}
```

Q) Write a program to print N even natural in reverse order.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
int i, n;
```

```
printf("Enter N");
```

```
scanf("%d", &n);
```

```
for(i = n; i >= 1; i--)
```

```
{ if (i % 2 == 0)
```

```
{
```

```
printf("%d", i);
```

```
}
```

```
}
```

```
return 0;
```

```
}
```

Q) Write a program to print first N natural number in reverse order.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
int i, n;
```

```
{
```

```
printf("Enter n");
```

```
scanf("%d", &n);
```

```
for(i = n; i >= 1; i--)
```

```
{
```

```
if (i % 2 == 0)
```

```
{
```

```
printf("%d", i);
```

```
}
```

```
}
```

```
return 0;
```

```
}
```

Signature.....



Q8 Write a program to print square of the first N Natural Number.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, n;
```

```
    printf("Enter n");
```

```
    scanf("%d", &n);
```

```
    for(i=1; i<=n; i++)
```

```
    {
```

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

```
    }
```

```
    return 0;
```

```
}
```

Q9 Write a program to print cube of first N natural Number

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, n;
```

```
    printf("Enter n");
```

```
    scanf("%d", &n);
```

```
    for(i=1; i<=n; i++)
```

```
    {
```

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

```
    }
```

```
    return 0;
```

```
}
```

⑩ Write a program to print table of N.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
int i, n;
```

```
printf("Enter n");
```

```
scanf("%d", &n);
```

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

```
{
```

```
printf("%d * %d = %d",
```

```
printf("%d * %d = %d", n, i, n * i);
```

```
}
```

```
return 0;
```

```
}
```