

Assignment - 10 - C Language

①

Q1) Write a Program to Print "MySir67" N times on the Screen.

```
#include <stdio.h>
int main()
{
    int i = 1, n;
    printf("Enter number");
    scanf("%d", &n);

    while(i <= n)
    {
        printf("%d MySir67\n", i);
        i++;
    }
    return 0;
}
```

Q2) Write a Program to Print the first N natural numbers.

```
#include <stdio.h>
int main()
{
    int i = 1, n;
    printf("Enter number");
    scanf("%d", &n);

    while(i <= n)
    {
        printf("%d\n", i);
        i++;
    }
}
```

Q3) Write a Program to Print the first N natural numbers in reverse order.

```
#include <stdio.h>
int main()
{
    int n;
    printf("Enter number");
    scanf("%d", &n);

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

Q4 Write a Program to Print the first N even natural numbers.

(2)

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

Q5 Write a Program to Print the first N even natural number in reverse order.

```
#include <stdio.h>
int main()
{
    int n;
    printf("Enter number");
    scanf("%d", &n);
    int i = 2 * n;
    while (i >= 2)
    {
        printf("%d\n", i);
        i = i - 2;
    }
    return 0;
}
```

Q6 Write a Program to Print the first N odd natural numbers.

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

Q7) Write a Program to Print the square of first N natural number.

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

Q8) Write a Program to Print the ~~square~~ ^{Cubes} of first N natural number.

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

Q9) Write a Program to Print the square of first N natural number in reverse order.

```
#include <stdio.h>
int main()
{
    int n;
    printf("Enter number");
    scanf("%d", &n);
    int i=n;
    while(i >= 1)
    {
        printf("%d\n", i*i);
        i--;
    }
    return 0;
}
```

Q10) Write a Program to Print the Cubes of the first N natural no. in reverse order.

```
#include <stdio.h>
int main()
{
    int n;
    printf("Enter no.");
    scanf("%d", &n);
    int i=n;
    while(i >= 1)
    {
        printf("%d\n", i*i*i);
        i--;
    }
    return 0;
}
```