

Assignment : 5

More on Iterative Control Statements

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

```
#include<stdio.h>

int main()
{
    int n ;
    int i =1;
    printf(" enter a number :");
    scanf("%d",&n);

    while(i<=n){
        printf("MySirG\n");
        i++;
    }
    return 0;
}
```

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

```
#include<stdio.h>

int main()
{
    int n ;
    int i =1;
    printf(" enter a number :");
    scanf("%d",&n);

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

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

```
#include<stdio.h>

int main()
{
```

```

int n ;
printf(" enter the value of n :");
scanf("%d",&n);

while(n>=1){
    printf(" %d ",n);
    n--;
}

return 0;
}

```

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

```

#include<stdio.h>

int main()
{
    int n ;
    printf(" enter the value of n :");
    scanf("%d",&n);

    for(int i = 1 ; i<n ; i++){

        if(i%2 != 0)
            printf("%d ",i);
    }

    return 0;
}

```

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

```

#include<stdio.h>

int main()
{
    int n ;
    printf(" enter the value of n :");
    scanf("%d",&n);

    for(int i = n ; i>=1 ; i--){

        if(i%2 != 0)
            printf("%d ",i);
    }

    return 0;
}

```

```
}
```

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

```
#include<stdio.h>

int main()
{
    int n ;
    printf(" enter the value of n :");
    scanf("%d",&n);

    for(int i = 1 ; i<= n; i++){

        if(i%2 == 0)
            printf("%d ",i);

    }

    return 0;
}
```

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

```
#include<stdio.h>

int main()
{
    int n ;
    printf(" enter the value of n :");
    scanf("%d",&n);

    for(int i = n; i>=1 ; i--){

        if(i%2 == 0)
            printf("%d ",i);
    }
    return 0;
}
```

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

```
#include<stdio.h>

int main()
{
    int n ;
    printf(" enter the value of n :");
```

```

scanf("%d",&n);

for(int i = 1; i<=n ; i++){

    int squ = i*i;
    printf("%d ",squ);
}

return 0;
}

```

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

```

#include<stdio.h>

int main()
{
    int n ;
    printf(" enter the value of n :");
    scanf("%d",&n);

    for(int i = 1; i<=n ; i++){

        int cube = i*i*i;
        printf("%d ",cube);
    }

    return 0;
}

```

Que 10 Write a program to print a table of N.

```

#include<stdio.h>

int main()
{
    int n ;
    printf(" enter the value of n :");
    scanf("%d",&n);

    for(int i = 1; i<=10 ; i++){
        int table = n*i;
        printf(" %d\n",table);
    }
    return 0;
}

```

