**Assignment - 5 A Job Ready Bootcamp in C++, DSA and IOT MySirG**

**More on Iterative Control Statements**

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 ",i);

}

return 0;

}

1. 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;

}

1. Write a program to print the first N natural numbers in reverse order.

#include<stdio.h>

int main()

{

int i,n;

printf("Enter a number : ");

scanf("%d",&n);

for(i=n;i<=n;i--)

{

if(i==0)

break;

printf("%d ",i);

}

return 0;

}

1. Write a program to print the first N odd natural numbers.

#include<stdio.h>

int main()

{

int i,n;

printf("Enter a number : ");

scanf("%d",&n);

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

{

if(i%2)

printf("%d ",i);

}

return 0;

}

1. Write a program to print the first N odd natural numbers in reverse order.

#include<stdio.h>

int main()

{

int i,n;

printf("Enter a number : ");

scanf("%d",&n);

for(i=n;i<=n;i--)

{

if(i==0)

break;

if(i%2)

printf("%d ",i);

}

return 0;

}

1. Write a program to print the first N even natural numbers.

#include<stdio.h>

int main()

{

int i,n;

printf("Enter a number : ");

scanf("%d",&n);

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

{

//

if(!(i%2))

printf("%d ",i);

}

return 0;

}

1. Write a program to print the first N even natural numbers in reverse order.

#include<stdio.h>

int main()

{

int i,n;

printf("Enter a number : ");

scanf("%d",&n);

for(i=n;i<=n;i--)

{

if(i==0)

break;

if(!(i%2))

printf("%d ",i);

}

return 0;

}

1. Write a program to print squares of 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\*i);

}

return 0;

}

1. Write a program to print cubes of 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\*i\*i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("Enter a number : ");

scanf("%d",&n);

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

{

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

}

return 0;

}