**Assignment - 4 A Job Ready Bootcamp in C++, DSA and IOT MySirG**

**Iterative Control Statements**

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

#include<stdio.h>

int main()

{

int i;

for(i=1;i<=5;i++)

{

printf("MySirG\n",i);

}

return 0;

}

1. Write a program to print the first 10 natural numbers.

#include<stdio.h>

int main()

{

int i = 1;

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

{

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i;

for(i=10;i<=10;i--)

{

if(i==0)

break;

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i;

for(i=1;i<=20;i++)

{

if(i%2)

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i;

for(i=20;i<=20;i--)

{

if(i==0)

break;

if(i%2)

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i;

for(i=1;i<=20;i++)

{

if(i%2==0)

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i;

for(i=20;i<=20;i--)

{

if(i==0)

break;

if(i%2==0)

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i;

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

{

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

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i;

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

{

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

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i;

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

{

printf("%d\n",5\*i);

}

return 0;

}