**Bootcamp in C++, Assignment - 4 A Job Ready 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=1;

while(i<=5)

{

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;

while(i<=10)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=10;

while(i>=1)

{

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

i--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int a,i;

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

{

a=(i\*2)-1;

printf("%d\n",a);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=10;

while(i)

{

printf("%d\n",(i\*2)-1);

i--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

printf("%d\n",(i\*2));

i++;

}

}

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

#include<stdio.h>

int main()

{

int i=10;

while(i)

{

printf("%d\n",(i\*2));

i--;

}

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

}

1. ***Write a program to print a table of 5.***

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

}