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;

while(i<5)

{

printf("\n MySirG");

i++;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

getch();

}

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 ",i);

i--;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

getch();

}

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>=1)

{

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

i--;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

getch();

}

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>=1)

{

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

i--;

}

getch();

}

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 ",i\*i);

i++;

}

getch();

}

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 ",i\*i\*i);

i++;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1,n=5;

while(i<=10)

{

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

i++;

}

getch();

}