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);

while(i<n)

{

printf("\n MySirG");

i++;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1,n;

printf(" enter a number ");

scanf("%d",&n);

while(i<=n)

{

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

i++;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=10,n;

printf("enter a number");

scanf("%d",&n);

while(i>=1)

{

printf(" %d ",i);

i--;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1,n;

printf("enter a number");

scanf("%d",&n);

while(i<=10)

{

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

i++;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=10,n;

printf("enter a number");

scanf("%d",&n);

while(i>=1)

{

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

i--;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1,n;

printf("enter a number");

scanf("%d",&n);

while(i<=10)

{

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

i++;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=10,n;

printf("enter a number");

scanf("%d",&n);

while(i>=1)

{

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

i--;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1,n;

printf("enter a number");

scanf("%d",&n);

while(i<=10)

{

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

i++;

}

getch();

}

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

#include<stdio.h>

int main()

{

int i=1,n;

printf("enter a number");

scanf("%d",&n);

while(i<=10)

{

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

i++;

}

getch();

}

1. Write a program to print a table of N

#include<stdio.h>

int main()

{

int i=1,n;

printf("enter a number");

scanf("%d",&n);

while(i<=10)

{

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

i++;

}

getch();

}