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

ANS :- 1

#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.

ANS 2:-

#include<stdio.h>

int main()

{

int N=1;

printf("FIRST 10 NATURAL NUMBERS ARE:- ");

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

{

printf("%d ",N );

}

return 0;

}

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

ANS:-3

#include<stdio.h>

int main()

{

int N=1;

printf("FIRST 10 NATURAL NUMBERS ARE:- ");

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

{

printf("%d ",N );

}

return 0;

}

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

ANS:-4

#include<stdio.h>

int main()

{

int odd;

printf("FIRST 10 ODD NATURAL NUMBERS ARE:- ");

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

{

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

}

}

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

ANS:-5

#include<stdio.h>

int main()

{

int i;

printf("FIRST 10 ODD NATURAL NUMBRS IN REVERSE ARE:-");

for(i=19;i>=1;i--)

{

if(i%2==1)

printf("%d ",i);

}

return 0;

}

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

ANS:-6

#include<stdio.h>

int main()

{

int i;

printf("FIRST 10 EVEN NATURAL NUMBERS ARE:-");

for(i=2;i<=20;i++)

{

if(i%2==0)

printf("%d ",i);

}

return 0;

}

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

ANS:-7

#include<stdio.h>

int main()

{

int i;

printf("FIRST 10 EVEN NATURAL NUMBERS IN REVERSE ARE:-");

for(i=20;i>=2;i--)

{

if(i%2==0)

printf("%d ",i);

}

return 0;

}

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

ANS:-8

#include<stdio.h>

int main()

{int i;

printf("SQUARES OF FIRST 10 NATURAL NUMBERS IS RESPECTIVELY:-");

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

{

if(i%2==0)

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

}

return 0;

}

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

ANS:-

#include<stdio.h>

int main()

{int i;

printf("CUBES OF FIRST 10 NATURAL NUMBERS IS RESPECTIVELY:-");

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

{

if(i%2==0)

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

}

return 0;

}

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

ANS:-10

#include<stdio.h>

int main()

{

int m = 5,i;

i=5;

printf("THE TABLE OF 5 IS :- \n ");

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

{

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

}

return 0;

}

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