More on Iterative Control Statements

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

#include<stdio.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=0;i<a;i++)

printf("MySirG\n");

return 0;

}

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

#include<stdio.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=1;i<=a;i++)

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

return 0;

}

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

#include<stdio.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=1;i<=a;a--)

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

return 0;

}

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

#include<stdio.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=1;i<=a;i++)

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

return 0;

}

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

#include<stdio.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=1;i<=a;a--)

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

return 0;

}

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

#include<stdio.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=1;i<=a;i++)

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

return 0;

}

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

#include<stdio.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=1;i<=a;a--)

printf("%d\t",a\*2);

return 0;

}

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

#include<stdio.h>

#include<math.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=1;i<=a;i++)

printf("%f\n",pow(i,2));

return 0;

}

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

#include<stdio.h>

#include<math.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

for(int i=1;i<=a;i++)

printf("%f\n",pow(i,3));

return 0;

}

10. Write a program to print a table of N

#include<stdio.h>

#include<math.h>

int main()

{

int a;

printf("enter the value of N: ");

scanf("%d",&a);

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

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

return 0;

}