**JRassignment 5**

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

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=n)

{

printf("MySirG\n");

i++;

}

return 0;

}

//2. 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("%d ",i);

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=1,n;

printf("Enter a number");

scanf("%d",&n);

while(n>=1)

{

printf("%d ",n);

n--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=0,n;

printf("Enter a number");

scanf("%d",&n);

while(i<n)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n;

printf("Enter a number");

scanf("%d",&n);

while(n>=1)

{

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

n--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=n)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n;

printf("Enter a number");

scanf("%d",&n);

while(n>=1)

{

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

n--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=n)

{

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

i++;

}

return 0;

}

//9. 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<=n)

{

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

i++;

}

return 0;

}

//10. Write a program to print a table of N

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number for table");

scanf("%d",&n);

while(i<=10)

{

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

i++;

}

return 0;

}