**Assignment 5:**

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

#include<stdio.h>

int main()

{

int i,n;

printf("How many times you want to print: ");

scanf("%d",&n);

for(i=0;i<n;i++)

{

printf("MySirG\n");

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("How many natural numbers you want to print: ");

scanf("%d",&n);

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

{

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("How many natural numbers you want to print: ");

scanf("%d",&n);

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

{

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("Enter the how many odd natural numbers you want to print: ");

scanf("%d",&n);

for(i=1;i<=2\*n;i+=2)

{

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("Enter the how many odd natural numbers you want to print: ");

scanf("%d",&n);

for(i=2\*n-1;i>=1;i-=2)

{

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("Enter the how many odd natural numbers you want to print: ");

scanf("%d",&n);

for(i=1;i<=2\*n;i+=2)

{

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("Enter the how many even natural numbers you want to print: ");

scanf("%d",&n);

for(i=2\*n;i>=2;i-=2)

{

printf("%d ",i);

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("How many natural numbers's square you want to print: ");

scanf("%d",&n);

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

{

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

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i,n;

printf("How many natural numbers's cube you want to print: ");

scanf("%d",&n);

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

{

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

}

return 0;

}

1. **Write a program to print a table of N.**

#include<stdio.h>

int main()

{

int i,n;

printf("Enter the number whose table you want to print: ");

scanf("%d",&n);

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

{

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

}

return 0;

}