**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 n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=n)

{

printf("MySirG\n");

i++;

}

return 0;

}

1. ***Write a program to print 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\n",i);

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=n)

{

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

n--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=n)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=n)

{

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

n--;

}

return 0;

}

1. ***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\n",(i\*2));

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=n)

{

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

n--;

}

return 0;

}

1. ***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\n",(i\*i));

i++;

}

return 0;

}

1. ***Write a program to print cubes 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\n",(i\*i\*i));

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int n,i=1;

printf("Enter a number");

scanf("%d",&n);

while(i<=10)

{

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

i++;

}

return 0;

}