**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.

#include<stdio.h>

int main()

{

int i=1;

while(i<=5)

{

printf("MySirG\n");

i++;

}

return 0;

}

2. Write a program to print the first 10 natural numbers.

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=10;

while(i>=1)

{

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

i--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=10;

while(i>=1)

{

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

i--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=10;

while(i>=1)

{

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

i--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int i=1;

while(i<=10)

{

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

i++;

}

return 0;

}