Assignment - 4 (Iterative Control Statements)

1. Write a program to print MySirG 5 times on the screen

#include<stdio.h>

int main()

{

int i;

for(i = 1; i <= 5; i++)

printf("MySirG ");

return 0;

}

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

#include<stdio.h>

int main()

{

int number = 1;

while(number <= 10)

{

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

number++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int number = 10;

while(number)

{

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

number--;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int number = 1;

while(number < 20)

{

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

number = number + 2;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int number = 19;

while(number > 0)

{

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

number = number - 2;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int number = 2, i = 1;

while(i <= 10)

{

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

number = number + 2;

i++;

}

return 0;

}

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

#include<stdio.h>

int main()

{

int number = 20;

while(number)

{

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

number = number - 2;

}

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 number, i = 1;

while(i <= 10)

{

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

i++;

}

return 0;

}