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SECTION: C

BATCH: 60

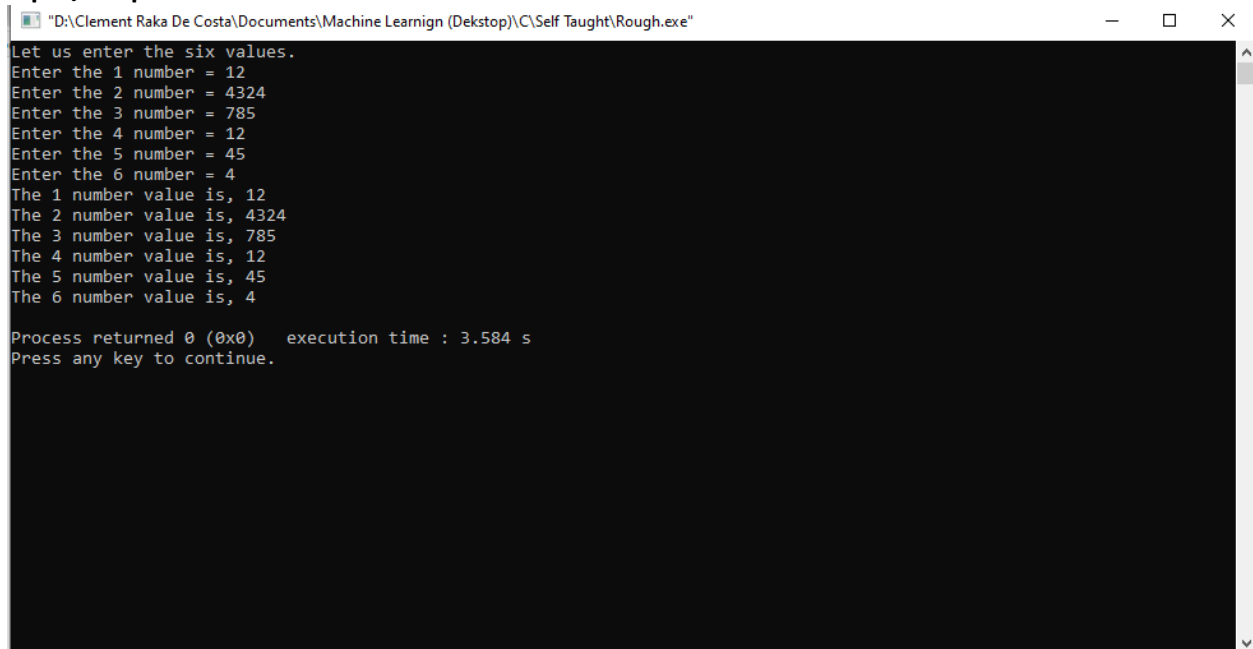
DATE: 24.01.24

Problem no 1:

Program name: Write a program that takes values from keyboard and store them in an array. Then show the elements of the array.

Source Code:

```
#include<stdio.h>
int main()
{
    int array[6];
    printf("Let us enter the six values.\n");
    int i;
    int sum=0;
    for(i=0; i<6; i++)
    {
        printf("Enter the %d number = ", i+1);
        scanf("%d", & array[i]);
    }
    for(i=0; i<6; i++)
    {
        printf("The %d number value is, %d\n", i+1, array[i]);
    }
    return 0;
}
```

Input/Output:

```
"D:\Clement Raka De Costa\Documents\Machine Learnign (Dekstop)\C\Self Taught\Rough.exe"
Let us enter the six values.
Enter the 1 number = 12
Enter the 2 number = 4324
Enter the 3 number = 785
Enter the 4 number = 12
Enter the 5 number = 45
Enter the 6 number = 4
The 1 number value is, 12
The 2 number value is, 4324
The 3 number value is, 785
The 4 number value is, 12
The 5 number value is, 45
The 6 number value is, 4
Process returned 0 (0x0)   execution time : 3.584 s
Press any key to continue.
```

Problem no 2:

Program name: Write a program that takes values from keyboard and store them in an array. Then show the **sum** of all elements of the array.

Source Code:

```
#include<stdio.h>

int main()
{
    int array[10];

    printf("Let us enter the ten values.\n");

    int i;

    int sum=0;

    for(i=0; i<10; i++)
    {
        printf("Enter the %d number = ", i+1);

        scanf("%d", & array[i]);
    }

    for(i=0; i<10; i++)
    {
        printf("The %d number value is, %d\n", i+1, array[i]);
    }

    for(i=0; i<10; i++)
    {
        sum=sum+array[i];
    }

    printf("The summation of all the six values is, %d", sum);

    return 0;
}
```

Input/Output:

```
"D:\Clement Raka De Costa\Documents\Machine Learnign (Dekstop)\C\Self Taught\Rough.exe"
Let us enter the ten values.
Enter the 1 number = 2
Enter the 2 number = 2
Enter the 3 number = 2
Enter the 4 number = 2
Enter the 5 number = 2
Enter the 6 number = 2
Enter the 7 number = 2
Enter the 8 number = 2
Enter the 9 number = 2
Enter the 10 number = 2
The 1 number value is, 2
The 2 number value is, 2
The 3 number value is, 2
The 4 number value is, 2
The 5 number value is, 2
The 6 number value is, 2
The 7 number value is, 2
The 8 number value is, 2
The 9 number value is, 2
The 10 number value is, 2
The summation of all the six values is, 20
Process returned 0 (0x0)   execution time : 5.146 s
Press any key to continue.
```