

Dhaka International University

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Estd. 7th April, 1995

DEPARTMENT OF CSE

LAB REPORT

COURSE NAME : Structured Programming Languages Lab

COURSE CODE : 0613-102

REPORT NO : 02

REPORT ON : Some Basic Program Using C Language

SUBMITTED BY

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Objective: Using a program to get the absolute value

Program Name: A program to get the absolute value of a number

code:

```
#include <stdio.h>
#include <stdlib.h>
int main ()
{
    int x, y;
    x = abs(5);
    printf("absolute value of x = %d\n", x);
    y = abs(-45);
    printf("absolute value of y = %d\n", y);
    return (0);
}
```

Output:

absolute value of x = 5

absolute value of y = 45

Conclusion: By this program we will be able to know how to get the absolute value of a number using C programming language.

Objective: Using a program to calculate the square root of a number.

Program Name: A program to calculate the square root of a number.

Code:

```
#include <stdio.h>
#include <math.h>
```

```
int main ()
```

```
{
```

```
    int a;
```

```
    a = 25;
```

```
    printf("The square root of %d : %.3lf\n", a, sqrt(a));
```

```
    return (0);
```

```
}
```

Output:

The square root of 25 : 5.000

Conclusion: By this program we will be able to know how to calculate the square root of a number using C programming language.