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|  | **DEPARTMENT OF FIRST YEAR ENGINEERING** |

**Experiment No. 03**

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| Semester | F.E. Semester II – First Year Engineering |
| Subject | C Programming (FEL204) |
| Subject Professor In-charge | Sanjeev Dwivedi sir |
| Assisting Teachers | Prof. Sneha Annappanavar |

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| Student Name | Deep Salunkhe |
| Roll Number | 21102A0014 |

**Title: Implimentation of arithmetic calculator**

**Program Code:**

**#include <stdio.h>**

**int main() {**

**char op;**

**double first, second;**

**printf("Enter an operator (+, -, \*, /): ");**

**scanf("%c", &op);**

**printf("Enter two operands: ");**

**scanf("%lf %lf", &first, &second);**

**switch (op) {**

**case '+':**

**printf("%.1lf + %.1lf = %.1lf", first, second, first + second);**

**break;**

**case '-':**

**printf("%.1lf - %.1lf = %.1lf", first, second, first - second);**

**break;**

**case '\*':**

**printf("%.1lf \* %.1lf = %.1lf", first, second, first \* second);**

**break;**

**case '/':**

**printf("%.1lf / %.1lf = %.1lf", first, second, first / second);**

**break;**

**default:**

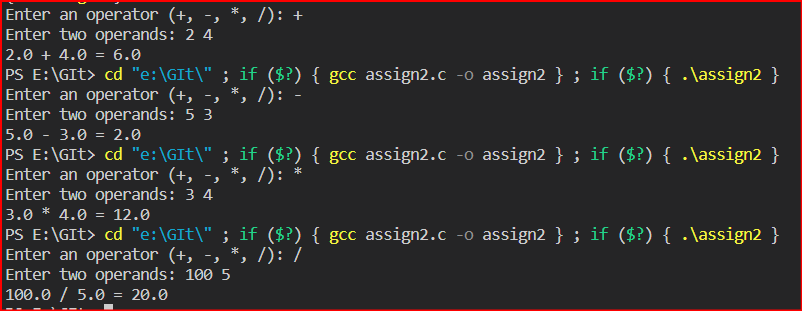
**printf("Error! operator is not correct");**

**}**

**return 0;**

**}**

**Output:**

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