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| **SLO No** | 9.2.2 |
| **SLOs Mapped** | 8.3.2, 9.1.1,9.1.2,9.1.3,9.1.5,9.2.2,9.2.3,9.2.4 |
| **Practical Activity** | To Prepare an electricity bill |
| **Equipment** | Computer |
| **Software** | Dev C++ |

**Practical No 5:**

Topic 9: Fundamental of input and output data handling in C

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| **Objective:** |
| Students will be able to  use the arithmetic operators and input output data handling in C language to solve the given arithmetic problem.  Note: You can use any compiler for program execution. |

**Fill the sections below as evidence of the practical activity.**

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| **Algorithm** | **Flowchart** |
| Step 1:Start  Step 2:Input cnum,cname,mn,pr,cr,rate  Step 3:Units**=**cr-pr  Step 4:Bill**=**Units\*Rate  Step 4:Print cnum,cname,mn,pr,cr,units,bill  Step 5:Stop |  |
| **Program Coding** | |
| #include<stdio.h>  int main() {  int Connum, Metnum, Pr, Cr, Units;  float Bill, Rate;  char cname[30];    printf("Consumer name: ");  fgets(cname, sizeof(cname), stdin);  printf("Consumer number: ");  scanf("%d", &Connum);  printf("Meter number: ");  scanf("%d", &Metnum);  printf("Previous reading: ");  scanf("%d", &Pr);  printf("Current reading: ");  scanf("%d", &Cr);  printf("Rate: ");  scanf("%f", &Rate);  Units = Cr - Pr;  Bill = Rate \* Units;    printf("Consumer Number: %d\nConsumer name: %sMeter number: %d\nPrevious Reading: %d\nCurrent reading: %d\nRate: %f\nUnits = %d\nBill = %f\n",  Connum, cname, Metnum, Pr, Cr, Rate, Units, Bill);    return 0;  } | |
| **Program Output** | |
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