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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 find the interest in an amount |
| **Equipment** | Computer |
| **Software** | Dev C++ |

**Practical No :7**

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. |

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| **Sample Input** | **Process** | **Sample Output** |
| Principal Amount (PA): 5600  Duration in years (Dur): 5  Interest Rate% (IR): 15 | Interest amount = PA \* Dur \* IR | Interest Amount: 4200  Total Amount payable: 9800 |

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

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| **Algorithm** | **Flowchart** |
| Step 1:Start  Step 2:Input PA,Dur,IR  Step 3: Interest amount = PA \* Dur \* IR  Step 4:Print Interest Amount  Step 5:Stop |  |

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| **Program Coding** |
| #include<stdio.h>  int main()  {  int PA,Dur,IR;  float InterestAmount,TotalAmount;  printf("Principal Amount: ");  scanf("%d", &PA);  printf("Duration in years: ");  scanf("%d", &Dur);  printf("Interest Rate(percentage): ");  scanf("%d", &IR);  InterestAmount=(PA\*Dur\*IR)/100;  TotalAmount=PA+InterestAmount;  printf("Interest Amount=%f\n",InterestAmount);  printf("Total Amount Payable = %f\n", TotalAmount);  return 0;  } |
| **Program Output** |
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