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| 1. | **Develop** a c++ program for default arguments |
| Sample Input | Enter the vlaue: 10 15 25 30 |
| Sample Output | 80 |
| Test Case | a. 10,15 |
| b. 10,15,25 |
| c. 30,40,A |
| d. #,0.A,89 |
| e. 10, 15, 25, 80 |

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| 2. | **Develop** a program to check the entered user name is valid or not using function . Get both the inputs from the user. |
| Sample Input | Enter the user name: Saveetha@789  Reenter the user name: Saveetha@123 |
| Sample Output | User name is Invalid |
| Test Case | 1. (computer,compute) |
| 2.(#$%,ower) |
| 3.(000,000) |
| 4.(-aste,--aste) |
| 5.(artificial, ARTIFICIAL) |

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| 3. | **Develop** a program to find whether the person is eligible for vote or not. And if that particular person is not eligible, then print how many years are left to be eligible.  Note : Use the function **getperson** to get the input |
| Sample Input | Enter your age: 7 |
| Sample Output | You are allowed to vote after 11 years |
| Test Case | 1. 25 |
| 1. Eighteen |
| 1. 12 |
| 1. -18 |
| 1. 34.5 |

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| 4. | **Develop** a program using function to calculate the simple interest. Suppose the customer is a senior citizen. He is being offered 12 percent rate of interest; for all other customers, the ROI is 10 percent. |
| Sample Input | Enter the principal amount: 200000  Enter the no of years: 3  Is customer senior citizen (y/n): n |
| Sample Output | Interest: 60000 |
| Test Case | 1.ABCD |
| 2.70000# |
| 3. -9000000 |
| 4.800000 |
| 5.@#$ |

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| 5. | **Develop** a program using choice to check given string in palindrome or not using inline function. |
| Sample Input | Enter the string: MADAM |
| Sample Output | THE GIVE STRING IS PALINDROME |
| Test Case | a. MONEY |
| b. 5678765 |
| c. MALAY12321ALAM |
| d. MALAYALAM |
| e. 1234.4321 |