

INDIAN SCHOOL MUSCAT
COMPUTER SCIENCE
CLASS 11 (2017-18)

REVISION ASSIGNMENT 1

TOPIC : Programming QUESTIONS (1. Operators & expression 2. Conditional operator 3. if else 4. Switch case statements)

DATE : 21.01.2018

- | | |
|----|---|
| 1. | Write a program to obtain a 4 digit number from the user and display the sum of digits and the reverse number. For example if user enters the number as 1534, the sum should be 13 and reverse number would be 4351. |
| 2. | Write a program to obtain seconds form the user and convert and display it into Hours, minutes and numbers format. For example if user inputs seconds as 7295, then your program should display the result as
2 Hours 60 minutes and 35 seconds |
| 3. | Write a program which accepts length1 and length2 in meters and centimeters and display their sum in meter and centimeter form. For example: If user inputs length1 = 10 m 80 cm and length2 = 5 m 60 cm then the output should be
16 m 40 cm. |
| 4. | Write a program which accepts amount as integer and display total number of Notes of Rs. 500, 100, 50, 20, 10, 5 and 1. For example, when user enters a number, 575, the results would be like this...
500: 1, 100: 0., 50: 1, 20: 1, 10: 0, 5: 1, 1: 0 |
| 5. | Write a program to find the greatest of three unequal numbers and print it (using ? : ternary operator). |
| 6. | Write a program to determine whether the seller has made profit or incurred loss. Also determine how much profit he made or loss he incurred. Cost price and selling price of an item is input by the user. |
| 7. | Write a program to check whether a triangle is valid or not, when the three angles of the triangle are entered by the user. A triangle is valid if the sum of all the three angles is equal to 180 degrees. |
| 8. | In a company an employee is paid as : If his basic salary is less than Rs. 1500, then HRA = 10% of basic salary and DA = 90% of basic salary. If his salary is either equal to or above Rs. 1500, then HRA =Rs. 500 and DA = 98% of basic salary. If the employee's salary is input by the user write a program to find his gross salary.(total of basic salary +HRA+DA) |
| 9. | Write a program to display a menu of sports like 1.Cricket, 2.Football, 3.Basketball etc and ask the user to enter his/her choice. Display the name of the sport chosen by the user. (use switch case) |