

C Assignments

Decision Making Control statements

1. Write a program to read the price of two pens Parker and Pilot and display which is the costliest one.
2. A Cloth showroom has announced the following festival discounts and the assured gifts on the purchase of items, based on the total cost of the items purchased:

Total Cost	Discount	Assured Gift
Less than or up to 2000/-	5%	Wall Clock
2000/- to 5000/-	10%	School Bag
5001/- to 10,000/-	15%	Electric Iron
More than 10,000/-	20%	Wrist Watch

Write a program to input the total cost of the item purchased then calculate the discount, amount to be paid after availing discount and the assured gift.

3. Write a program to read name and time in 24 hours format. Then display appropriate greeting according to the time given.
 - o Display error message for hours input more than 24.
 - o Time before 12 hrs then print -Name, Good Morning.
 - o Time in between 12 Hrs to 15 Hrs then print – Name, Good Afternoon
 - o Time after 15 hrs then print – Name, Good Evening.
4. Write a program to read Gender and Name of a person and display Greetings as below.
 - o if gender is **m/M** then print **Welcome Mr. _____ to AH CAREER**
 - o if gender is **f/F** then print **Welcome Miss. _____ to AH CAREER**
 - o other than **m/f** simply print **Welcome _____ to AH CAREER**

5. Write a program to read an input from the user and check whether the inputted data is uppercase letter or lowercase letter or digit or special symbol.
6. Write a program to read a no in between 0 to 9 and display in words using switch-case.
 - ex: if the number input is 8 then print “You have entered EIGHT”
7. Write a program to read a number and print whether it is even or odd using ternary operator.
8. Write a program to read 3 numbers and print them in ascending order(implement nested if).