1A

chapter 3.

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| 1. ***(Read pg 40-41)WAP to ask user to enter a number less than 10, if the user enters a number less than 10, print : “What an obedient servant you are!”*** 2. ***(Read pg 41-43)While purchasing certain items, a discount of 10% is offered if the quantity purchased is more than 1000. If quantity and price per item are input through the keyboard, write a program to calculate the total expenses.*** 3. ***(Read pg 44, 45, 46)WAP to accept the current year and the year in which the employee joined the organization. If the number of years for which the employee has served the organization is greater than 3, then a bonus of $2500 is given to the employee. If the years of service are not greater than 3, then the program should do nothing.*** |

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| 1. ***Any integer is input through the keyboard. Write a program to find out whether it is an odd number or an even number.*** 2. ***Any year is an input through the keyboard. WAP to determine whether the year is a leap year or not.*** 3. ***According to the Gregorian calendar, it was Monday on the date 01/01/01. If any year is input through the keyboard write a program to find out what is the day on 1st January of this year.*** 4. ***A five-digit number is entered through the keyboard. Write a program to obtain the reversed number and to determine whether the original and reversed numbers are equal or not.*** 5. ***Take two numbers from the user and display the largest.*** |

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| 1. ***Take two numbers from the user and display the smallest.*** 2. ***Take three numbers from the user and display the largest.*** 3. ***Take three numbers from the user and display the smallest.*** 4. ***If the ages of Ram, Shyam and Ajay are input through the keyboard, WAP to determine the youngest of the three.*** |

1B

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| 1. ***(Read Pg47). In a company an employee is paid as under: If his basic salary is less than $ 7500, then HRA = 10% of basic salary and DA = 90% of basic salary. If his salary is either equal to or above $7500, then HRA is $1000 and DA is 98% of basic salary. If the employee’s salary is input through the keyboard write a program to find his gross salary.*** 2. ***(Read Pg48, 49). Ask the user to enter either 1 or 2. IF the user enters 1 print “You would go to heaven”, if the user enters 2 print “Hell was created with you in mind”, if the user enters any other number other than 1 or 2, print “How about mother earth.”*** 3. ***If the cost price and selling price of an item is input through the keyboard, 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.*** |

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