

Question No.1:

A parking garage charges a Rs.300.00 minimum fee to park for up to three hours and an additional Rs150.75 per hour for each hour. The maximum charge for any given 24-hour period is 1000.00. Assume that no car parks for longer than 24 hours at a time. Write a program that will calculate and print the parking charges for each of three customers who parked their cars in this garage yesterday. You should enter the hours parked for each customer. Your program should print the results in a neat tabular format, and should calculate and print the total of yesterday's receipts. The program should use the function *calculate_Charges* to determine the charge for each customer. Your outputs should appear in the following format:

Sample Output:

```
Enter customer 1 parking hours: 3
Enter customer 2 parking hours: 8
Enter customer 3 parking hours: 24
```

Cars	Hours	Charges
1	3	300
2	8	1052.5
3	24	1000
Total	35	2352.5

Question No.2: Point out the errors, if any, in the following program. Rewrite the correct program.

```
main () {
    int i = 3, j = 4, x, y;
    x = addmult( i , j );
    y = addmult( i , j );
    cout<< x , y ;
} //main

double addmult ( int ii, int jj ) {
    int x, y;
    x = ii + jj ;
    y = ii * jj ;
    return [ x , y ] ;
}
```