ASSIGENMENT#2

Q1. Write a program to accept and add three numbers.

For the following values, write a program to evaluate the expression z = a\*b+(c/d)-e\*f; a=10

b=7

c=15.75

d=4

e=2

f=5.6

Q2. Write a program to evaluate the area and perimeter of the rectangle.

Q3. Write a program to evaluate the volume of a cylinder.

Q4. Write a program to evaluate the net salary of an employee given the following constraints:

Basic salary : $ 12000

DA : 12% of Basic salary

HRA : $150

TA : $120

Others : $450

Tax cuts – a) PF :14% of Basic salary and b) IT: 15% of Basic salary

Net Salary = Basic Salary + DA + HRA + TA + Others – (PF + IT).

Q4. What is the assigned (left-hand side) value in each case?

int s, m=3, n=5, r, t; float x=3.0, y; t = n/m; r = n%m; y = n/m; t = x\*y-m/2; x = x\*2.0; s = (m+n)/r; y = --n;

Q5.Write a program which will take the input as a floating (real) number. This number represents the centimeters. Print out the equivalent number of feet(floating, 1 decimal) and inches (floating, 1 decimal), with feet and the inches given to an accuracy of one decimal place.

Q6. Assume 2.54 centimeters per inch, and 12 inches per foot.

Q7.If the input value is 333.3, the output format should be:

333.3 centimeters is 10.9 feet

333.33 centimeters is 131.2 inche