**Problem1-1:**

Float (a) 4.0/10.0+3.5\*2 =7.4

Float (b) 10%4+6/2=5.0

Float (c) (6.5-5.0)\*\*(0.5)+7\*3=22.22474487139159

Float (d)3\*10/3+10%3=11.0

(e) 5/(1//2) illegal, it cannot division by zero (1//2=0)

**Problem1-2:**

(a) 12 / 6.0 =2.0

(b) 21 // 10=2

(c) 25 // 10.0=2.0

(d) 12 / 6=2.0

**Problem1-3:**

a=2

b=5

c=2

q=(b\*b)-(4\*a\*c)

q\_sr=q\*\***(1/2)**

x1=(-b+ q\_sr)/(2\*a)

x2=(-b- q\_sr)/(2\*a)

print("x1=,",x1,"x2=",x2)

>>> x1=, -0.5 x2= -2.0