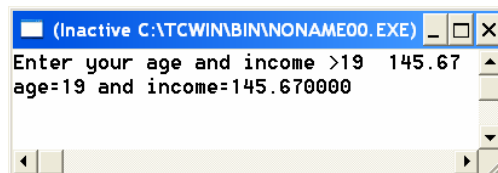## Question 1: (3 points)
Complete the following program so that it runs and produces the output shown below

```c
#include <stdio.h>
int main()  {
 int age;      // declare age without decimal point

 double income;   //  declare income as real value
printf ("Enter your age and income >");
scanf("%d%lf",&age,&income);
printf("age=%d income=%f",age,income);
return 0;

}
```



```
Enter your age and income >19   145.67
age=19 and income=145.670000
```

Question 2: (3 points)
Find the value of the expressions shown below

expression	Value
4%6	4
7/2*2	6
(double) (9/2)	4.0
5-7/6*6.0	-1.0
5+3/2.0	6.5
2*6+5/2.0	14.5

Question 3   (2 points)
What will be the values of x, y, z, and after executing the following statements.

```c
int x=6.84;
double y= (double)x;
double z=x/2;
int a= 7.0/4;
```

x	y	z	a
6	6.0	3.0	1

Question 4: (2 points)
Show the output of the following program in the space provided below it.
Each square corresponds to one space

```c
#include <stdio.h>
int main(void) {
int t=538;
double x=72.136;
printf("%2d%5.2f\n",t,x);
printf("%10.4f%5d",x,t);
return 0;}
```

5	3	8	7	2	.	1	4							
			7	2	.	1	3	6	0			5	3	8