//Professor Ziegler
//HW2
//Jinglin Tan

This is the output of my first program:

Table of Function Values

Value of X	Value of Y	Status of Y
-3.0	-5.68325	Y IS NEGATIVE
-2.5	-7.46301	Y IS NEGATIVE
-2.0	-10.95474	Y IS NEGATIVE
-1.5	-25.69051	Y IS NEGATIVE
-1.0	-3.33333	Y IS NEGATIVE
-0.5	0.97838	Y IS POSITIVE
0.0	2.00000	Y IS POSITIVE
0.5	0.69884	Y IS POSITIVE
1.0	-1.66667	Y IS NEGATIVE
1.5	-8.56350	Y IS NEGATIVE
2.0	-2.19095	Y IS NEGATIVE
2.5	-0.67846	Y IS NEGATIVE
3.0	0.00000	Y IS ZERO
3.5	0.35134	Y IS POSITIVE
4.0	0.54264	Y IS POSITIVE

The X value that gives the Y value that is closest to 10 is 0.0
and the difference between this Y value and 10 is 8.00000
Times of Y IS ZERO: 1
Times of Y IS POSITIVE: 5
Times of Y IS NEGATIVE: 9