**Pseudocode**

Ask user for an integer between 50 and 200

Get input from user

Check if input is valid and continue or repeat

Create array of 10

while(  input is greater than 0 )

Create random # between 1 and 100

Minus 1 from the random number and divide by 10

Create switch from 0 to 9

Add 1 to the array address that equals the random number

Minus 1 from input

Give num1 and num2  values of 1 and 10

for( i < array length )

Add asterisk

Add 10 to both num1 and num2

Print on next line