ALGORITHM:

START:

Random number :?

Step 1.)selecting level

Step 2.)if (easy) “Requires some thinking capability”:

2.1)level 1 and level 2 and level 3 and level 4 and level 5

2.2)Level 1: attempts:5 finding number b/w 100

2.3)Level 2:attempts:5 finding number b/w 200

2.4)Level 3:attempts:5 finding number b/w 500

2.5)Level 4:attempts:5 finding number b/w 750

2.6)Level 5:attempts:5 finding number b/w 1000

Step 3.)else if (medium) “Requires some mathematical knowledge”:

3.1)level 1 and level 2 and level 3 and level 4 and level 5

3.2)level1:attempts:b/w 5 to 20 addition of the number b/w 10

3.3)level2:attempts: b/w 5 to 20 addition of the number b/w 100

Ex: random number 1 is 50 and random number 2 is 50 addition of two number random will display as 100 we have to find the random 1 and random 2 as a=50 and b=50

3.4)level3:attempts: b/w 5 to 20 difference of the number b/w 100

Ex: random number 1 is 50 and random number 2 is 10 difference of two number random will display as ‘40’ we have to find the random 1 and random 2 as a=50 and b=10

3.5)level4:attempts: b/w 5 to 20 multiplication of the number b/w 100

Ex: random number 1 is 50 and random number 2 is 10 multiplication of two number random will display as ‘500’ we have to find the random 1 and random 2 as a=50 and b=10

3.6)level5:attempts: b/w 5 to 20 division of the number b/w 100

Ex: random number 1 is 50 and random number 2 is 5 division of two number random will display as ‘10’ we have to find the random 1 and random 2 as a=50 and b=2

Note: in the above examples I used own values . While executing random number will be taken by computer

Step 4.)else if(hard) “Requires more mathematical knowledge”:

4.1)level1 and level 2 and level 3 and level 4 and level 5

4.2)level1:attempts: user finding squares()^2 b/w 10

4.3)level2:attempts: user finding squares()^2 b/w 20

4.4)level3: attempts: user finding cubes()^3 b/w 10

4.5)level4: attempts: user finding cubes()^3 b/w 20

4.6)level5: attempts: single attempt finding number b/w 1000

5) you have completed this guessing number game!!!