Pseudo Code for “ask\_question” function:

Generate first random number

Generate second random number

Generate random number to find sign (+ or -)

Ask question

Get answer from user

Match user’s entered answer with actual answer

Return true it matches else return false

Psuedo code:

Display Welcome message

Display 3 choices

Keep on looping until user enter a valid choice

Initialise lives, questions, and max\_num depending upon choice

Loop over number of question:

Call “ask\_question” function

If functions returns true

Increment score

Else

Decrement lives

Display final result