VITYARTHI PROJECT

'GUESS and CLASH game'

```python
import random


lowest_num = 10

highest_num = 100

number = random.randint(lowest_num, highest_num)

guesses = 0

is_running = True


print("CAN YOU GUESS THE NUMBER?")

print(f"select a number between {lowest_num} and {highest_num}")


while is_running:
 guess = input("enter your guess:")

 if guess.isdigit():
  guess = int(guess)
  guesses += 1

  if guess < lowest_num or guess > highest_num:
   print("that number is out of range")
   print(f"select a number between {lowest_num} and {highest_num}")
```

```python
    elif guess < number:
      print("too low!! try again!")
    elif guess > number:
      print("too high!! try again!")
    else:
      print(f"CORRECT!! the number was {number} ")
      print(f"total number of guesses : {guesses}")
      is_running = False
      print("you have won the 1st level. do you want to go to next level?")
      choice = input("yes or no:").lower()
      if choice == "no":
        print("THANKS FOR PLAYING!!")
        print("COME AGAIN.")
      if choice == "yes":
        options = ("rock", "paper", "scissors")
        running = True
        while running:
          player = None
          computer = random.choice(options).lower()
          player = input("enter you choice('rock', 'paper','scissors'):").lower()
          while player not in options:
            print("INVALID GUESS")
            player = input("enter you choice('rock', 'paper','scissors'):").lower()
          print(f"player:{player}")
          print(f"computer:{computer}")
          if player == computer:
```

```python
        print("it's a tie")
    elif player == "scissors" and computer == "paper":
        print("YOU WON!!!")
    elif player == "paper" and computer == "rock":
        print("YOU WON!!!")
    elif player == "rock" and computer == "scissor":
        print("YOU WON!!!")
    else:
        print("YOU LOST!!!")
    play_again = input("do you wanna play again?(y/n)").lower()
    if play_again == "n":
        running = False
        print("THANKS FOR PLAYING!!!")

else:
 print("INVALID GUESS")
 print(f"select a number between {lowest_num} and {highest_num}")
```