

## Experiment – 09

### Aim:

Write a program to implement Hangman game using python.

### Program:

```
import time

name = input("What is your name? ")
print ("Hello, " + name, "Time to play hangman!")
time.sleep(1)

print ("Start guessing...")
time.sleep(0.5)

word = ("secret")
guesses = ""
turns = 10

#check if the turns are more than zero
while turns > 0:
    failed = 0
    for char in word:
        if char in guesses:
            print (char,end=""),

        else:
            print ("_",end=""),
            failed += 1

    if failed == 0:
        print (" You won ")
        break

    guess = input(" guess a character: ")
    guesses += guess

    if guess not in word:
        turns -= 1
        print ("Wrong")
        print ("You have", + turns, 'more guesses' )
    if turns == 0:
        print (" You Lose " )
```

## Output:

```
What is your name? Ankush
Hello, Ankush Time to play hangman!
Start guessing...
_____ guess a character: s
s_____ guess a character: r
s__r__ guess a character: t
s__r_t guess a character: v
Wrong
You have 9 more guesses
s__r_t guess a character: e
se_ret guess a character: c
secret You won
```