

20153250

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```
[8]: n = random.randint(1, 10)
print("select a random number between 1 and 10.")
while True:
    n1 = int(input("Your guess: "))
    if n1 == n:
        print("correct number.")
        break
    elif n1 > n:
        print("Too high")
        continue
    else:
        print("Too low")
        continue
```

```
select a random number between 1 and 10.
Your guess: 7
Too low
Your guess: 9
Too low
Your guess: 10
correct number.
```

```
[9]: n = random.randint(1, 10)
print("select a random number between 1 and 10.")
c=0
while True:
    if c == 7:
        break
    n1 = int(input("Your guess: "))
    if n1 == n:
        print("correct number.")
        break
    elif n1 > n:
        print("Too high")
        c+=1
        continue
    else:
        print("Too low")
```

```
c+=1
continue
```

```
select a random number between 1 and 10.
Your guess: 7
Too low
Your guess: 9
Too high
Your guess: 8
correct number.
```

```
[11]: n = random.randint(1, 10)
print("select a random number between 1 and 10.")
c=2
while True:
    n1 = int(input("Your guess: "))
    if n1 == n:
        print("correct number.")
        break
    elif n1 > n:
        print("Too high")
        ch=input("do you want a hint (y/n)")
        if ch == 'y':
            print("lower limit is",n-c)
            print("upper limit is",n+c)
            c-=1
        continue
    else:
        print("Too low")
        ch=input("do you want a hint (y/n)")
        if ch == 'y':
            print("lower limit is",n-c)
            print("upper limit is",n+c)
            c-=1
        continue
```

```
select a random number between 1 and 10.
Your guess: 7
Too low
do you want a hint (y/n)n
Your guess: 7
Too low
do you want a hint (y/n)y
lower limit is 6
upper limit is 10
Your guess: 9
Too high
do you want a hint (y/n)y
```

```
lower limit is 7
upper limit is 9
Your guess: 8
correct number.
```

```
[15]: import random
wlist = ["apple", "orange", "lemon", "grape", "melon", "peach", "banana",
        ↪"kiwi", "mango", "berry"]
print("Guess the Word ")
w = random.choice(wlist)
while True:
    h = random.choice(["first", "last"])
    hint = w[0] if h == "first" else w[-1]
    print(f"Hint: The {h} letter of the word is '{hint}'.")
    g = input("Your guess: ").lower()
    if g == w:
        print("correct word.")
        break
    else:
        print("Incorrect")
        continue
```

```
Guess the Word
Hint: The first letter of the word is 'k'.
Your guess: lemon
Incorrect
Hint: The last letter of the word is 'i'.
Your guess: kiwi
correct word.
```

```
[ ]:
```