

1 Ans

```
Def test_range(n):
```

```
    If n in range(3,9):
```

```
        Print( " %s is in the range"%str(n))
```

```
    Else :
```

```
        Print("The number is outside the given range.")
```

```
Test_range(5)
```

2 Ans

```
Class Card:
```

```
    Suits = ["spades",  
            "hearts",  
            "diamonds",  
            "clubs"]
```

```
    Values = [None, None,"2", "3",  
             "4", "5", "6", "7",  
             "8", "9", "10",  
             "Jack", "Queen",  
             "King", "Ace"]
```

```
Def __init__(self, v, s):
```

```
    """suit + value are ints"""
```

```
    Self.value = v
```

```
    Self.suit = s
```

```
Def __lt__(self, c2):
```

```
    If self.value < c2.value:
```

```
        Return True
```

```
If self.value == c2.value:  
    If self.suit < c2.suit:  
        Return True  
    Else:  
        Return False  
Return False
```

```
Def __gt__(self, c2):  
    If self.value > c2.value:  
        Return True  
    If self.value == c2.value:  
        If self.suit > c2.suit:  
            Return True  
        Else:  
            Return False  
    Return False
```

```
Def __repr__(self):  
    V = self.values[self.value] +\  
        " of " + \  
        Self.suits[self.suit]  
    Return v
```

3 Ans

```
Print("Random integers between 0 and 9: ")
```

```
For I in range(4, 11):
```

```
    Y = random.uniform(4, 10)
```

```
    Print(y)
```

4 Ans

```
Print("Random integers between 0 and 9: ")
```

```
For i in range(4, 11):
```

```
    Y = random.uniform(4, 10)
```

```
    Print(y)
```

5 Ans

```
Import random
```

```
Number = random.randint(1, 100)
```

```
Attempts = 0 # count no of attempts to guess the number
```

```
Guess = 0
```

```
While guess != number:
```

```
    Guess = eval(raw_input('Guess a number: '))
```

```
    Attempts += 1
```

```
    If guess == number:
```

```
        Print 'Correct! You used', attempts, 'attempts!'
```

```
        Break
```

```
    Elif guess < number:
```

```
        Print 'Go higher!'
```

```
    Else:
```

```
        Print 'Go lower!'
```