```python
In [1]:  from PIL import Image
         import random

         end=100
         def show_image():
             img=Image.open('D:\snake and ladder.jpg')
             img.show()
         def check_ladder(points):
             if(points==1):
                 print('LADDER')
                 return 38
             elif(points==4):
                 print('LADDER')
                 return 14
             elif(points==9):
                 print('LADDER')
                 return 36
             elif(points==21):
                 print('LADDER')
                 return 42
             elif(points==28):
                 print('LADDER')
                 return 84
             elif(points==51):
                 print('LADDER')
                 return 67
             elif(points==71):
                 print('LADDER')
                 return 91
             elif(points==80):
                 print('LADDER')
                 return 100
             else:
                 return points

         def check_snake(points):
             if(points==17):
                 print('SNAKE')
                 return 7
             elif(points==54):
```

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        print('SNAKE')
        return 34
    elif(points==62):
        print('SNAKE')
        return 19
    elif(points==64):
        print('SNAKE')
        return 60
    elif(points==87):
        print('SNAKE')
        return 24
    elif(points==93):
        print('SNAKE')
        return 73
    elif(points==95):
        print('SNAKE')
        return 75
    elif(points==98):
        print('SNAKE')
        return 79
    else:
        return points
def reached_end(points):
    if(points==end):
        return True
    else:
        return False

def play():
    p1_name=input('player 1!plz enter your name:')
    p2_name=input('player 2!plz enter your name:')
    p1_points=0
    p2_points=0
    turn=0
    while(1):
        if(turn%2==0):
            print(p1_name,' ','its your turn')
            c=int(input('press 1 to continue or 0 to quit:'))
            if(c==0):
                print(p1_name,' ','your score is:',p1_points)
                print(p2_name,' ','your score is:',p2_points)
                print('Thanks for playing')
```

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                print('Quiting the Game')
                print('*************HAVE A NICE DAY*************')
                break

        else:
            Dice=random.randint(1,6)
            print('Dice shown',' ',Dice)
            p1_points=Dice+p1_points
            p1_points=check_ladder(p1_points)
            p1_points=check_snake(p1_points)

            if(p1_points>end):
                p1_points=end
                print(p1_name,' ','your score is:',p1_points)

            if(reached_end(p1_points)):
                print(p1_name,' ','WON')
                break
    else:
        print(p2_name,' ','its your turn')
        c=int(input('press 1 to continue or 0 to quit:'))
        if(c==0):
            print(p1_name,' ','your score is:',p1_points)
            print(p2_name,' ','your score is:',p2_points)
            print('Thanks for playing')
            print('Quiting the Game')
            print('******************HAVE A NICE DAY************')
            break
        else:
            Dice=random.randint(1,6)
            print('Dice shown',' ',Dice)
            p2_points=Dice+p2_points
            p2_points=check_ladder(p2_points)
            p2_points=check_snake(p2_points)

            if(p2_points>end):
                p2_points=end
                print(p2_name,' ','your score is:',p2_points)

            if(reached_end(p2_points)):
                print(p2_name,' ','WON')
                break
```

```
        turn=turn+1
show_image()
play()
```

player 1!plz enter your name:Vishal
player 2!plz enter your name:Vickey
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   6
Vickey   its your turn
press 1 to continue or 0 to quit:1
Dice shown   1
LADDER
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   6
Vickey   its your turn
press 1 to continue or 0 to quit:1
Dice shown   5
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   6
Vickey   its your turn
press 1 to continue or 0 to quit:1
Dice shown   2
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   2
Vickey   its your turn
press 1 to continue or 0 to quit:1
Dice shown   1
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   5
Vickey   its your turn
press 1 to continue or 0 to quit:1
Dice shown   3
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   2
Vickey   its your turn
press 1 to continue or 0 to quit:1
Dice shown   5
SNAKE
Vishal   its your turn

```
press 1 to continue or 0 to quit:1
Dice shown    4
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    4
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    3
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    3
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    3
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    5
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    1
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    4
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    3
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    4
SNAKE
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    5
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    1
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    1
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    5
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    2
```

```
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown   4
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   3
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown   5
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   3
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown   3
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   5
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown   5
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   2
SNAKE
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown   1
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   3
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown   2
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   1
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown   5
Vishal   its your turn
press 1 to continue or 0 to quit:1
Dice shown   5
LADDER
Vickey    its your turn
```

```
press 1 to continue or 0 to quit:1
Dice shown    5
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    2
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    4
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    5
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    2
Vishal    its your turn
press 1 to continue or 0 to quit:1
Dice shown    4
SNAKE
Vickey    its your turn
press 1 to continue or 0 to quit:1
Dice shown    4
LADDER
Vickey    WON
```

In [ ]: