

```
# Write a program that creates a list of 10
random integers. Then create two lists by
# name odd_list and even_list that have all
odd and even values of the list respectively.
```

```
"""
import random as r
originalList = []

for i in range(1, 11):
    randomInteger = r.randint(1, 100)
    originalList.append(randomInteger)

evenList = []
oddList = []

for i in originalList:
    if i % 2 == 0:
        evenList.append(i)
    else:
        oddList.append(i)

print(originalList)
print(evenList)
print(oddList)
```

OUTPUT:

```
[15, 75, 65, 39, 47, 45, 34, 54, 71, 23]
[34, 54]
[15, 75, 65, 39, 47, 45, 71, 23]
```