

```

1 def UtopianCoins(N):
2     if N<7:
3         return N
4     if (N-22 > 0):
5         return 1 + UtopianCoins(N-22)
6     if (N-10 > 0):
7         return 1 + UtopianCoins(N-10)
8     if (N-7 > 0):
9         return 1 + UtopianCoins(N-7)
10
11 if __name__ == "__main__":
12     print("nr of coins to pay 159[22*7+5]: ", UtopianCoins(159))

```

UtopianCoins.py