

```

1  # -*- coding: utf-8 -*-
2  """
3  Created on Sat Aug 18 20:39:29 2018
4
5  @author: manoj
6  """
7  class InvalidEntry(Exception):pass
8
9  class piggy_bank:
10     def __init__(self,balance=0.0):
11         self.balance=balance
12         self.bonus_points=0
13     def add_amount(self,amount):
14         self.balance = self.balance+amount
15         if amount >= 100:
16             self.bonus_points = self.bonus_points + int(amount//100)
17         print("After adding, your balance is {} rupees and bonus points is
18 {}".format(self.balance,self.bonus_points))
19         self.is_zero_balance()
20     def withdraw_amount(self,amount):
21         if amount > self.balance:
22             self.check_balance()
23             print("Please enter an amount which is less than or equal to the balance
24 amount.")
25         else:
26             self.balance = self.balance-amount
27             print("After withdrawing, your balance is {} rupees".format(self.balance))
28             self.is_zero_balance()
29     def check_balance(self):
30         print("Your current balance is {} rupees and bonus points is
31 {}".format(self.balance,self.bonus_points))
32         self.is_zero_balance()
33     def is_zero_balance(self):
34         if self.balance==0:
35             print("If you have money in your savings account you will get benefits like
36 interest and bonus points.")
37     def start(self):
38         keep_running=True
39         while keep_running:
40             print('')
41             print("Start or End : ",end="")
42             start_stop=input()
43             try:
44                 if start_stop.lower()=="start":
45                     print("Add, Withdraw or Check : ",end="")
46                     next_action=input()
47                     if next_action.lower()=="add":
48                         print("Add amount (Note:- for every 100 rupees you will get 1
49 bonus points): ",end="")
50                         amount=int(input())

```