CODE

class Employee:  
  
 def \_\_init\_\_(self, name, basic, DA, HRA):  
 self.name = name  
 self.basic = basic  
 self.DA = DA  
 self.HRA = HRA  
  
 def display(self):  
 print("Name:" + self.name)  
 total\_salary = self.basic + (self.DA / 100) \* self.basic + (self.HRA / 100) \* self.basic  
 print("Total salary:" + str(total\_salary))  
  
  
class TechnicalOfficer(Employee):  
  
 def \_\_init\_\_(self, name):  
 super().\_\_init\_\_(name, 40000, 10, 20)  
  
 def display(self):  
 super().display()  
 print("type:TechnicalOfficer")  
  
  
class Manager(Employee):  
 def \_\_init\_\_(self, name):  
 super().\_\_init\_\_(name, 30000, 10, 20)  
  
 def display(self):  
 super().display()  
 print("type:Manager")  
  
  
class SoftwareAssociate(Employee):  
 def \_\_init\_\_(self, name):  
 super().\_\_init\_\_(name, 20000, 10, 20)  
  
 def display(self):  
 super().display()  
 print("type:Software Associate")  
  
  
Employees = []  
for i in range(10):  
 Type = input("Enter the type of next employee 1 for Technical officer, 2 for Manager, 3 for SA:")  
 Type=int(Type)  
 name = input("enter the name of the employee:")  
 if Type == 2:  
 temp\_manager = Manager(name)  
 Employees.append(temp\_manager)  
 if Type == 3:  
 tempsa = SoftwareAssociate(name)  
 Employees.append(tempsa)  
 if Type == 1:  
 tempto = TechnicalOfficer(name)  
 Employees.append(tempto)  
  
for employee in Employees:  
 employee.display()  
 print("------------------")  
  
print("The total sum of the salary is : ",sum)

OUTPUT











