Puddles -A Piggy Bank

Puddles a digital piggy bank, is a tool that can help you save money.  You being the software developer, develop a Java program based on the requirement.

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**Formula to calculate money available:**

Money available = Sum of the product of all available denominations and its count

**Example: 10:1 1:1 5:1 20:1 2:1**

**MoneyAvailabe=10\*1+1\*1+5\*1+20\*1+2\*1**

**=38**

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**Formula to calculate money based on the denominations**

CalculateMoneyBasedOnDenomination = Product of given a denomination and its count

**Example: 10:1 1:1 5:1 20:1 2:1**

**For 20,**

**CalculateMoneyBasedOnDenomination=20\*1**

**=20**

**You are provided with the main method as a code template and it is excluded from evaluation.**

**Note:**

* In the Sample Input / Output provided, the highlighted text in bold corresponds to the input given by the user, and the rest of the text represents the output.
* Ensure to follow the object-oriented specifications provided in the question description.
* Ensure to provide the names for the classes, attributes, and methods as specified in the question description.
* Adhere to the code template, if provided.

**Sample Input/Output - 1**

Enter the total number of money to added

**5**

Enter your piggy bank entries (denomination: count)

**10:1**

**1:1**

**5:1**

**20:1**

**2:1**

Total money in the Piggy bank: 38.0

Available Denominations:

1

2

5

10

20

Enter the denomination

**20**

Total amount of the denomination 20 is 20.0

**Sample  Input/Output -2**

Enter the total number of money to added

**3**

Enter your piggy bank entries (denomination: count)

**100:5**

**500:2**

**2000:1**

Total money in the Piggy bank: 3500.0

Available denominations:

100

500

2000

Enter the denomination

**100**

Total amount of the denomination 100 is 500.0

**Sample Input/Output -3**

Enter the total number of money to added

**2**

Enter your piggy bank entries (denomination: count)

**5:0**

**10:0**

No money available

**Sample Input/Output -4**

Enter the total number of money to added

**3**

Enter your piggy bank entries (denomination: count)

**5:100**

**2:6**

**10:6**

Total money in the Piggy bank: 572.0

Available denominations:

2

5

10

Enter the denomination

**200**

Invalid denomination

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