

Python GST Bill Project CodeSheet

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1  print("-"*50)
2  print("Welcome!\nLet's create a virtual GST bill!")
3  print("-"*50)
4  print("Welcome to koffeeegasm!")
5  print("-"*50)
6
7  system_security_code = 1234
8
9  bill = "a"
10 check_price = "b"
11
12 cold_coffee    = "001"    #Rs.129
13 croissant      = "002"    #Rs.189
14 cappucino      = "003"    #Rs.139
15 mocha          = "004"    #Rs.169
16 hot_chocolate = "005"    #Rs.179
17 iced_vannila   = "006"    #Rs.159
18 brownie        = "007"    #Rs.119
19 kitkat_shake   = "008"    #Rs.199
20 frappucino     = "009"    #Rs.139
21 oreo_shake     = "010"    #Rs.199
22
23 #prices
24 coffee = 122.86
25 croi   = 180.00
26 capp   = 132.38
27 moch   = 160.95
28 hot    = 170.48
29 iced   = 151.43
30 brow   = 133.33
31 kitkat = 189.52
32 frapp  = 132.38
33 oreo   = 189.52
34
35 x = str(input("(a)Generate a Bill: \n(b)Check Price of an item:"))
36 y = int(input("Enter System Security Code:"))
37 if x=="a" and y==system_security_code:
38     x2 = str(input("Enter Customer's name:"))
39     x3 = str(input("Enter Customer's mobile number:"))
40     x4 = str(input("Select items:\n(001)Cold
41 Coffee\n(002)Croissant\n(003)Cappucino\n(004)Mocha\n(005)Hot Chocolate\n(006)Iced
42 Vannila\n(007)Brownie\n(008)Kitkat Shake\n(009)Frappucino\n(010)Oreo Shake:"))
43     if x4=="001":
44         print("You selected code 001: Cold Coffee")
45         print("-"*50)
46         print("Welcome to koffeeegasm!")
47         print("-"*50)
48         print("Customer Name:",x2)
49         print("Customer Mobile Phone no:",x3)
50         print("-"*50)
51         print("Items:\nCold Coffee - Rs.",coffee)
52         print("-"*50)
53         print("CGST:",0.025*coffee , "(2.5%)")
54         print("SGST:",0.025*coffee , "(2.5%)")
55         print("-'*50)
56         print("Total Amount:Rs.",round(coffee+0.05*coffee))
57         print("(Including GST)")
58
59     elif x4=="002":
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60         print("You selected code 002: Coissant")
61         print("-"*50)
62         print("Welcome to koffeegasm!")
63         print("-"*50)
64         print("Customer Name:",x2)
65         print("Customer Mobile Phone no:",x3)
66         print("-"*50)
67         print("Items:\nCroissant - Rs.",croi)
68         print("-"*50)
69         print("CGST:",0.025*croi , "(2.5%)")
70         print("SGST:",0.025*croi , "(2.5%)")
71         print('-'*50)
72         print("Total Amount:Rs.",round(croi+0.05*croi))
73         print("(Including GST)")
74
75     elif x4=="003":
76         print("You selected code 003: Cappucino")
77         print("-"*50)
78         print("Welcome to koffeegasm!")
79         print("-"*50)
80         print("Customer Name:",x2)
81         print("Customer Mobile Phone no:",x3)
82         print("-"*50)
83         print("Items:\nCappucino - Rs.",capp)
84         print("-"*50)
85         print("CGST:",0.025*capp , "(2.5%)")
86         print("SGST:",0.025*capp , "(2.5%)")
87         print('-'*50)
88         print("Total Amount:Rs.",round(capp+0.05*capp))
89         print("(Including GST)")
90
91     elif x4=="004":
92         print("You selected code 004: Mocha")
93         print("-"*50)
94         print("Welcome to koffeegasm!")
95         print("-"*50)
96         print("Customer Name:",x2)
97         print("Customer Mobile Phone no:",x3)
98         print("-"*50)
99         print("Items:\nMocha - Rs.",moch)
100        print("-"*50)
101        print("CGST:",0.025*moch , "(2.5%)")
102        print("SGST:",0.025*moch , "(2.5%)")
103        print('-'*50)
104        print("Total Amount:Rs.",round(moch+0.05*moch))
105        print("(Including GST)")
106
107    elif x4=="005":
108        print("You selected code 005: Hot Chocolate")
109        print("-"*50)
110        print("Welcome to koffeegasm!")
111        print("-"*50)
112        print("Customer Name:",x2)
113        print("Customer Mobile Phone no:",x3)
114        print("-"*50)
115        print("Items:\nHot Chocolate - Rs.",hot)
116        print("-"*50)
117        print("CGST:",0.025*hot , "(2.5%)")
118        print("SGST:",0.025*hot , "(2.5%)")
119        print('-'*50)
120        print("Total Amount:Rs.",round(hot+0.05*hot))
121        print("(Including GST)")
122
123    elif x4=="006":

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124         print("You selected code 006: Iced Vanilla")
125         print("-"*50)
126         print("Welcome to koffeeegasm!")
127         print("-"*50)
128         print("Customer Name:",x2)
129         print("Customer Mobile Phone no:",x3)
130         print("-"*50)
131         print("Items:\nIced Vanilla - Rs.",iced)
132         print("-"*50)
133         print("CGST:",0.025*iced , "(2.5%)")
134         print("SGST:",0.025*iced , "(2.5%)")
135         print('-'*50)
136         print("Total Amount:Rs.",round(iced+0.05*iced))
137         print("(Including GST)")
138
139     elif x4=="007":
140         print("You selected code 007: Brownie")
141         print("-"*50)
142         print("Welcome to koffeeegasm!")
143         print("-"*50)
144         print("Customer Name:",x2)
145         print("Customer Mobile Phone no:",x3)
146         print("-"*50)
147         print("Items:\nBrownie - Rs.",brow)
148         print("-"*50)
149         print("CGST:",0.025*brow , "(2.5%)")
150         print("SGST:",0.025*brow , "(2.5%)")
151         print('-'*50)
152         print("Total Amount:Rs.",round(brow+0.05*brow))
153         print("(Including GST)")
154
155     elif x4=="008":
156         print("You selected code 008: Kitkat Shake")
157         print("-"*50)
158         print("Welcome to koffeeegasm!")
159         print("-"*50)
160         print("Customer Name:",x2)
161         print("Customer Mobile Phone no:",x3)
162         print("-"*50)
163         print("Items:\nKitkat Shake - Rs.",kitkat)
164         print("-"*50)
165         print("CGST:",0.025*kitkat , "(2.5%)")
166         print("SGST:",0.025*kitkat , "(2.5%)")
167         print('-'*50)
168         print("Total Amount:Rs.",round(kitkat+0.05*kitkat))
169         print("(Including GST)")
170
171     elif x4=="009":
172         print("You selected code 009: Frappucino")
173         print("-"*50)
174         print("Welcome to koffeeegasm!")
175         print("-"*50)
176         print("Customer Name:",x2)
177         print("Customer Mobile Phone no:",x3)
178         print("-"*50)
179         print("Items:\nFrappucino - Rs.",frapp)
180         print("-"*50)
181         print("CGST:",0.025*frapp , "(2.5%)")
182         print("SGST:",0.025*frapp , "(2.5%)")
183         print('-'*50)
184         print("Total Amount:Rs.",round(frapp+0.05*frapp))
185         print("(Including GST)")
186
187     elif x4=="010":

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188         print("You selected code 010: Oreo Shake")
189         print("-"*50)
190         print("Welcome to koffeeegasm!")
191         print("-"*50)
192         print("Customer Name:",x2)
193         print("Customer Mobile Phone no:",x3)
194         print("-"*50)
195         print("Items:\nOreo Shake - Rs.",oreo)
196         print("-"*50)
197         print("CGST:",0.025*oreo , "(2.5%)")
198         print("SGST:",0.025*oreo , "(2.5%)")
199         print('-'*50)
200         print("Total Amount:Rs.",round(oreo+0.05*oreo))
201         print("(Including GST)")
202     else:
203         print("You selected Wrong code!\nTry Again!")
204     print("-"*50)
205     print("Thank you!\nVisit us again!\nRegards Team Koffeeegasm!")
206     print("-"*50)
207
208 elif x=="b" and y==system_security_code:
209     x5 = str(input("Select items:\n(001)Cold
210 Coffee\n(002)Croissant(003)Cappucino\n(004)Mocha\n(005)Hot Chocolate\n(006)Iced
211 Vannila\n(007)Brownie\n(008)Kitkat Shake\n(009)Frappucino\n(010)Oreo Shake:"))
212     if x5=="001":
213         print("You selected code 001: Cold Coffee")
214         print("-"*50)
215         print("Welcome to koffeeegasm!")
216         print("-"*50)
217         print("Items:\nCold Coffee - Rs.",coffee,"(Amount excluding 5% GST)")
218
219     elif x5=="002":
220         print("You selected code 002: Croissant")
221         print("-"*50)
222         print("Welcome to koffeeegasm!")
223         print("-"*50)
224         print("Items:\nCroissant - Rs.",croi,"(Amount excluding 5% GST)")
225
226     elif x5=="003":
227         print("You selected code 003: Cappucino")
228         print("-"*50)
229         print("Welcome to koffeeegasm!")
230         print("-"*50)
231         print("Items:\nCappucino - Rs.",capp,"(Amount excluding 5% GST)")
232
233     elif x5=="004":
234         print("You selected code 004: Mocha ")
235         print("-"*50)
236         print("Welcome to koffeeegasm!")
237         print("-"*50)
238         print("Items:\nMocha - Rs.",moch,"(Amount excluding 5% GST)")
239
240     elif x5=="005":
241         print("You selected code 005: Hot Chocolate")
242         print("-"*50)
243         print("Welcome to koffeeegasm!")
244         print("-"*50)
245         print("Items:\nHot Chocolate - Rs.",hot,"(Amount excluding 5% GST)")
246
247     elif x5=="006":
248         print("You selected code 006: Iced Vaniila")
249         print("-"*50)
250         print("Welcome to koffeeegasm!")
251         print("-"*50)

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252         print("Items:\nIced Vanilla  - Rs.",iced,"(Amount excluding 5% GST)")
253
254     elif x5=="007":
255         print("You selected code 007: Brownie")
256         print("-"*50)
257         print("Welcome to koffeeegasm!")
258         print("-"*50)
259         print("Items:\nBrownie  - Rs.",brow,"(Amount excluding 5% GST)")
260
261     elif x5=="008":
262         print("You selected code 008: Kitkat Shake")
263         print("-"*50)
264         print("Welcome to koffeeegasm!")
265         print("-"*50)
266         print("Items:\nKitkat Shake  - Rs.",kitkat,"(Amount excluding 5% GST)")
267
268     elif x5=="009":
269         print("You selected code 009: Frappucino")
270         print("-"*50)
271         print("Welcome to koffeeegasm!")
272         print("-"*50)
273         print("Items:\nFrappucino  - Rs.",frapp,"(Amount excluding 5% GST)")
274
275     elif x5=="010":
276         print("You selected code 010: Oreo Shake")
277         print("-"*50)
278         print("Welcome to koffeeegasm!")
279         print("-"*50)
280         print("Items:\nOreo Shake  - Rs.",oreo,"(Amount excluding 5% GST)")
281
282     else:
283         print("You selected wrong code!\nTry Again!")
284     print("-"*50)
285     print("Thank you!\nVisit us again!\nRegards Team Koffeeegasm!")
286     print("-"*50)
287 else:
288     print("You selected wrong input or probably entered wrong security code!\nTry
Again!")
289     print("-"*50)
290     print("Thank you!\nVisit us again!\nRegards Team Koffeeegasm!")
291     print("-"*50)

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By Kshitij Mittal

