```
 1 import datetime
 2 def validate(date_text):
 3     try:
 4         datetime.datetime.strptime(date_text, '%d-%m
   -%Y')
 5     except ValueError:
 6         raise ValueError("Incorrect data format,
   should be DD-MM-YYYY")
 7
 8 def validation(name):
 9     for char in name:
10         if  not (("A" <= char and char <= "Z") or ("a
   " <= char and char <= "z") or (char == " ")):
11             return False
12     return True
13
14 bg=input("Name of bridegroom")
15 validation(bg)
16
17 bga=int(input("Age of bridegroom"))
18 if bga>=21:
19     print("")
20 else:
21     print("You're underaged.Please enter a valid age"
   )
22     bga = int(input("Age of bridegroom"))
23
24 br=input("Name of bride")
25 validation(br)
26
27 bra=int(input("Age of bride"))
28 if bra>=18:
29     print("")
30 else:
31     print("You're underaged.Please enter a valid age"
   )
32     bra = int(input("Age of bride"))
33
34 date=(str(input("Date of Marriage")))
35 validate(date)
36
37 people = int(input("How many people do you want to
   invite? "))
38
```

```
39  #Making a dictionary of the cost based on different
   US cities
40 print("The costs stated here are to be interpreted in
    Dollars.")
41 print("Costs consist of the ceremony along with the
   venue booking bill")
42 print("THIS CHART MAYBE SUBJECTIVE TO CHANGES BASED
   ON DIFFERENT SITUATIONS")
43 cost_table = {
44     'Washington DC':3820,
45     'Massachusetts':3500,
46     'Chicago':2902,
47     'Arizona':4250
48     }
49
50 flight_table = {
51     'Washington DC':183,
52     'Massachusetts':320,
53     'Chicago':252,
54     'Arizona':425
55     }
56
57 def ceremony_cost(city):
58     return cost_table.get(city)
59
60
61 def hotel_cost(nights):
62     food_cost = 30
63     cost = (150 + food_cost) * nights * people
64
65     return cost
66
67 # Assuming it's a destination wedding, plane cost is
   a necessity
68 #
69 def plane_ride_cost(city):
70     return flight_table.get(city)
71
72 def rental_car_cost(days):
73     discount_3 = 40 * days * 0.2
74     discount_7 = 40 * days * 0.5
75     total_rent3 = 40 * days - discount_3
76     total_rent7 = 40 * days - discount_7
77     cost_day = 40 * days
```

```
 78
 79     if days >= 3:
 80         return total_rent3
 81     elif days >= 7:
 82         return total_rent7
 83     else:
 84         return cost_day
 85
 86 def trip_cost(city, nights, car_days):
 87     total = hotel_cost(nights) + plane_ride_cost(
    city) +\
 88             rental_car_cost(car_days) + flight_table
    (city)
 89     return total
 90
 91 city = None
 92 while True:
 93     city = input("What's our destination?\n")
 94     if city not in cost_table:
 95         print ("That's not a valid destination.")
 96     else:
 97         break
 98
 99 hotel_nights = int(input("\nHow many nights will you
     stay?\n"))
100 car_days = int(input("How many days will you rent
    the car?\n"))
101
102 print("Congratulations Mr",bg,"and Mrs",br)
103 print("Your date for the wedding is",date)
104
105 total_trip_cost = int(hotel_cost(hotel_nights))+\
106                   int(plane_ride_cost(city))+\
107                   int(rental_car_cost(car_days))+\
108                   int(ceremony_cost(city))
109 total_trip_cost = total_trip_cost + (0.28 *
    total_trip_cost)
110 print ("The total cost with the trip is",
    total_trip_cost, "dollars.")
111
112 total_trip_cost_converted = (lambda x: x * 73.12)
113 print ("The total cost with the trip is",format(
    total_trip_cost_converted(total_trip_cost),'.2f'), "
    rupees.")
```

```
114
115 #total_trip_taxed = total_trip_cost_converted +
    tax_calculator(total_trip_cost_converted)
116
117
```