Scenario

After taking a BTEC Extended Diploma in Travel and Tourism, Sunita Mahmood spent ten years working for a large travel company. However three years ago Sunita decided to open her own business specialising in villa rentals abroad. Suni-Days Villas give advice to customers, booking the villas, cars and transfers; however due to the bad weather in England, the demand for rentals have increased and the manual system is proving to be time consuming. Sunita has also found that more errors are occurring when calculating the cost of the rentals. She requires a bespoke application to record customer details and calculate the cost of each rental. She will also need an invoice printed for each one.

They have provided the following information and asked for your assistance!

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The villas can be hired in three different locations, **Florida, Spain and Turkey**

The costs charged to customers are as follows:

2-bed villa (sleeps 6)	£25.50 per day
3-bed villa (sleeps 8)	£75.00 per day
4-bed villa (sleeps 10)	£99.95 per day
Under occupancy charge	£10 per person/per day

If a villa is rented with less guests than the villa holds, an under occupancy charge of £10pp/per day is charged for each space not being used.

As an additional service, Suni-Days Villas can also arrange car hire or transfers _[this is an optional service]_

The costs charged to customers are as follows:

Small car	£50 per day
Large car	£100 per day
Transfer by coach – one off charge	£20 per person return

Sunita requires the system to store the following data:

> ➢ Name and Address of customer
> ➢ Holiday location required
> ➢ Date from which the villa is required
> ➢ Duration of the holiday
> ➢ Type of villa required
>> o Number of guests
> ➢ Car or Transfer required
>> o Type of car if applicable

The program should calculate the total price of the rental (Don't forget VAT!)

Finally a printed order confirmation showing all costs is required