

Principles of Object Oriented Programming

Exercise 1

Names:

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Task 1:

Chris- calls to Fred and tells him the invitation's details.

Fred- calls to a florist in Robbin's city and gives them the invitation's details that Chris brought him/

Robbin's Florist- has 3 responsibilities:

- Sending the requested flower type to the Wholesaler.
- Sending the flowers he had received from the wholesaler to the Flower Arranger.
- Bringing the Delivery Person the flowers and the details of Robbin.

Wholesaler- Sending the requested flower type to the Grower.

Grower- forwards request to Gardener about the specific flowers.

Gardener- is raising the flowers and sending them back to the Grower.

Flower Arranger- is getting the flowers from the Florist and arrange them beautifully.

Delivery Person- Bringing the flowers to their destination.

Robbin- is taking the flowers from the Delivery Person and saying: "Thank you!".

Task 2:

<u>server</u>	<u>client</u>
Chris	Fred
Fred	Robbin's Florist
Robbin's Florist	Wholesaler
Wholesaler	Robbin's Florist
Wholesaler	Grower
Grower	Wholesaler
Grower	Gardener
Gardener	Grower
Robbin's Florist	Flower Arranger
Flower Arranger	Robbin's Florist
Robbin's Florist	Delivery Person
Delivery Person	Robbin

Task 3: UML diagram:

