Q2)

Account account(500);

Stack Heap



|  |
| --- |
|  |
|  |
|  |
|  |
|  |
| 500 |

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |

Account account(500);  
account.deposit(25);

Stack Heap



|  |
| --- |
|  |
|  |
|  |
|  |
| 525(+25) |
| 500 |

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |

* Deposit memory is created and total balance after 25 deposit is in the memory

Account account(500);  
account.deposit(25);

account.withdraw(50);

Stack Heap



|  |
| --- |
|  |
|  |
|  |
| 475(-50) |
| 525(+25) |
| 500 |

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |

* Withdraw memory is created and total of new balance after withdrawl -50 from the balance is saved.