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Q6 - 1)

```
Statement stmt1 = conn.createStatement();

ResultSet rset1 = stmt1.executeQuery("select p_partkey
                                      from part join partsupp
                                      on p_partkey = ps_partkey
                                      where p_partkey between 3000 and 4000
                                      and ps_availqty > 9500
                                      order by p_partkey asc");

while (rset1.next())
{
  System.out.println(rset1.getInt(1));
}
```

Q6 - 2)

1. the 'select * from part' statement is sent to the dbms server which in turn returns the set of PART rows.
2. the 'while rset1.next()' statement loops through the set of rows from the dbms for the PART.
3. it is then compared to another 'select * from partsupp' statement which is sent to the dbms server which in turn returns the set of PARTSUPP rows
4. another loop then outputs the p_partkey as a result.
5. the inefficiency of this segment of code comes from two expensive 'select' operation and two loops. These operations increases the processing at the client side. So, we let the server do the computing instead.