- ## Problema 10.1 resultados:

#	Query	Rows	Cost	Pag. Reads	Time (ms)	Index Used	Index Op.
1	select * from Production.WorkOrder	72591	0.488	530	608	PK_WorkOrder_WorkOrderID	Clustered Index Scan
2	select * from Production.WorkOrder where WorkOrderID=1234	1	0.003	2	27	PK_WorkOrder_WorkOrderID	Clustered Index Seek
3	SELECT * FROM Production.WorkOrder WHERE WorkOrderID between 10000 and 10010 SELECT * FROM Production.WorkOrder WHERE WorkOrderID between 1 and 72591	11.9979 72591	0.0033 0.488	2 530	39 623	PK_WorkOrder_WorkOrderID PK_WorkOrder_WorkOrderID	Clustered Index Seek Clustered Index Seek
4	SELECT * FROM Production.WorkOrder WHERE StartDate = '2007-06-25'	60.5	0.523	691	71	PK_WorkOrder_WorkOrderID	Clustered Index Scan
5	SELECT * FROM Production.WorkOrder WHERE ProductID = 757	11.4	0.037	20	35	IX_WorkOrder_ProductID PK_WorkOrder_WorkOrderID	Index Seek (NonClustered) Key Lookup (Clustered)
6	SELECT WorkOrderID, StartDate FROM Production.WorkOrder WHERE ProductID = 757 SELECT WorkOrderID, StartDate FROM Production.WorkOrder WHERE ProductID = 945 SELECT WorkOrderID FROM Production.WorkOrder WHERE ProductID = 945 AND StartDate = '2006-01-04'	11.4 1105 1.8	0.003 0.006 0.006	165 6 171	2 26 4	ProductIDCovering ProductIDCovering ProductIDCovering	Index Seek (NonClustered) Index Seek (NonClustered) Index Seek (NonClustered)
7	SELECT WorkOrderID, StartDate FROM Production.WorkOrder WHERE ProductID = 945 AND StartDate = '2006-01-04'	1.796	0.01678	5	22	StartDate IX_WorkOrder_ProductID	Index Seek (NonClustered) Index Seek (NonClustered)
8	SELECT WorkOrderID, StartDate FROM Production.WorkOrder WHERE ProductID = 945 AND StartDate = '2006-01-04'	1.015	0.003	183	3	ProductIDStartDate	Index Seek (NonClustered)

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- Problema 10.3

  - i) CREATE INDEX PK_SSN on Employee(Ssn);
  - ii) CREATE INDEX IX_EMP_NAME on Employee(Fname, Lname);
  - iii) CREATE INDEX IX_EMP_DEPART on Employee(Dno);
  - iv) CREATE INDEX IX_EMP_PROJ on Works_on (Pno);
  - v) CREATE INDEX IX_EMP_DEPEN on Dependent(Essn);
  - vi) CREATE INDEX IX_ PROJ_DEPART on Project(Dnum);

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