Name-Gojiya Ankita Kesurbhai Envollment-12008101

ASSIGNMENT

1) Definition:

Write a program to create different types of document like word, PDF, TXT etc... using fuctory method pattern.

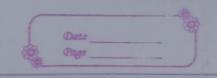
ed clusses -

- Worddoc
- Pdfdoc
- Tx+doc

3) Class Diagram-

	Worddoc		Pdfdoc		Tx+doc	
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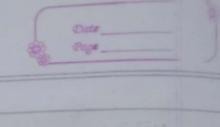
7] Name of participants-

- Product: Defines the interface of objects the factory method creates (My Files)
- · (one vete Product implements the product interface (Worddoc, Pdfdoc, Txtdoc)
- Concrete crecitor- Returns instance of concrete product (FileFactors)
- Creator-may an fultory methods to create a product object (MyFiles (lient)

8) known As-Virtual constructor

g] (onsequences:-

- Com work with any user-defined
- A class womes its subclasses to specify the object.
- A family of objects needs to be seperated by using shared interface.
- The code needs to decu with intenface, not implemented classes.



- Hide concrete classes from the
- The returned object should be
- of tight coupling by hiding concrete classes from the application.
- extending the family of products with minor changes in application code.