	Dod.
	Assignment No 5
***	Title: pl/sal Block Implematation
•	Problem Statement
	Problem statement. Write a PUSBL black of code for the
	Schema: Following seguirements-
	1) Bordower (Rollin, Name, Date of Tiso, Named Book, Status) 2) Fine (Rollin, pate, Amt)
	1 to hat, part from t
	· Check the number of book from user
	• Check the number of days (from date of issue) if days  are between 15 to 30 then fine amount will be Rs. 5
	per day.
	. If to of days >30, per day fine will be es so per day
	and for days less than 30, Rs 5 per day.
	· After subnetting the book, status will change from I to k
	· If condition of fine is true, then details will be stored
	in to fine table
	Objective: To
	1) Understand the control structure
	2) Understand exception handling.
	A CAN CALLED A STATE OF THE STA
	Outcomes: We will be able to
	Dunderstand and write PL/SAL code
	2) Implement exception handing  3) Apply control structure and understand basic structure of PLISOI block.
	2) Apply control strythere and understand past district
	of PLISOI block.

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· SIW and HIW Requirements :
mysal, PC with the configuration as latest version,
of su bit Os a.g. Fedora, Windows 10, & GB RAM.
The second second second
· Theory
Pl 15 al a for Board of January Shudure Query
PLISAL Standars for Procedural language Structure aury language. PLISAL affect a set of providing 1 commands
againsed within blocks ( that complaint and and Say
PLISAL is a block structured language. A PLISAL
block defined by the keywords DECLARE, BEGIN, EXCEPTION and
Carp lich breats them into 3 sections
DECLARADITIVE: Statements that declare variables, continue
offer code elemant.
2) EXECUTABLE: Statement that day when the place is
executed
3) Exception: A specifically structured section used for
handling any exception
For aquale,
A COLOR OF THE PROPERTY OF THE
BEGIN OBMS_OUTPUT. put line ("Hello World");
G. I. S.
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Features of PLISAL VALUE SAL
1) Tightly integrated with SOL
2) offer attensive dam types
Features of PLISEL  1) Tightly in tograted with SOL  2) Offers tetensive data types  3) Supposts objects oriented programming.

SI.SF. Q. No.				
Response to the				
4) Offers numerous data types will have like				
Course of the more than the control of the control				
ADVANTAGES OF PLISAL				
D provides high security lavol				
Provides access to predefined SBI packages!				
3) Applications written in PLISAL and pully postable.				
and and of the present did the sort and is returned and the				
EXCEPTION HANDLING !!!				
PLISBL provides a feature to handle the exceptions				
which occur in a PLICAL Block known as exception				
handing thong exception handling we can test the code				
and graid it from oxiting abruptly, when an exception				
occurs a message which explains its cause is received.				
PLISAL Exception message consists of three parts  Type of Exception				
2) bu Exxox code				
3) A message and all and a modern (				
3) Mesige				
STRUCTURE OF EXCEPTION HONDLING				
DECLARE A CALL TON THE VEGINA				
Declaration section with				
BEGTO OHIGH SOLD AND TORTHO SMAD				
Exception section				
THE EXCEPTION TO THE PROPERTY OF THE PROPERTY				
WHEN A-NOME THEN				
- Frank handling statements				
MIEN ATHERS THEN				
From handling statements FNO;				

When an exception is raised , oracle searches for an appropriate exception hander in exception section. For example, in the previous example, if error raised is 'exmanel', then the error is hadled according to statements under it since, it is not possible to determine all the possible run time errors during testing for the code. Only one exception can be raised in a Block and the control does not return to the Execution Seption after the error is handled.

Types of Exception

There are 3 types of Exceptions.

a) Named System Exceptions:

These are automatically raised by oracle, when a program violates a RDBMS rule. These are not declared explicitly raised implicitly when a predefined oracle error occurs and are caught by referencing the standard name within an exception-handling routine.

b) Unnamed system Exception:

Those system exception for which oracle does not provide a name is trown as unamed system exception. These exception do not occur frequently - these exceptions have a code and an associated message.

They are raised implicitly of they are not handled in when others they must be handled explicitly. To handled in when others they must be handled explicitly. To handle the exception explicitly, they must be declared.

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and the second of the second second	d not bookship
2) Calmix From G	naturat Empty set
fine	marwey mis
He ace or Edwar on	Color of senertive PASC
3) call fine (glc state	cot respective status conspective
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5) Select of from	amont displayed amount displayed
fine hands	respective rollio. of respective voluce.
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