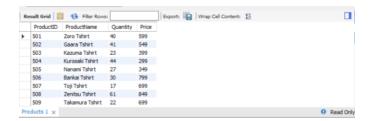
PL-SQL

TASK - 1

STORED PROCEDURE & FUNCTION

```
/* -----*/
Create database Anime_Store;
use Anime_Store;
/*----*/
Create table Products (
ProductID numeric(10),
ProductName varchar(20),
Quantity numeric(10),
Price numeric(10)
);
insert into Products values
(502, 'Gaara Tshirt', 41, 549), (503, 'Kazuma Tshirt', 23, 399),
(504, 'Kurosaki Tshirt', 44, 299), (505, 'Nanami Tshirt', 27, 349),
(506, 'Bankai Tshirt', 30, 799), (507, 'Toji Tshirt', 17, 699);
insert into Products values
(508, 'Zenitsu Tshirt', 61, 849), (509, 'Takamura Tshirt', 22, 699);
Select * from Products;
```



/*----*/

DELIMITER //

create procedure getProd(IN id int)

begin

select * from Products where ProductID = id;

end //

call getProd(502);



/*----*/

DELIMITER //

create procedure getAllProducts()

begin

select * from Products;

end //

call getAllProducts;



```
create function getHighPrice(rate int)
returns varchar(30)
deterministic
begin
select * from Products where price>rate;
return
end;
/*----*/
DELIMITER //
create function addNumbers(num1 numeric, num2 numeric)
returns numeric
deterministic
begin
declare output numeric;
set output = num1 + num2;
return output;
end //
DELIMITER
```

select addNumbers(50,10);



/*-------Function to get products that are greater than the given value------*/
delimiter \$\$
create function getHighPriceProduct(pricerate numeric)
returns varchar(40)
deterministic
begin
declare pname varchar(50);
select ProductName into pname from Products where price>pricerate limit 1;
return pname;
end \$\$
select getHighPriceProduct(10);