Q1.
```
Delimiter $$
Create function travel(val1 Int)
Return int
Deterministic
Begin
Declare outm int ,outcm int;
outm=val1*1000;
outcm=outm*100;
Select outm;
Select outcm;
Return 1;
End$$
Delimiter;
Call Travel(123);
```

Q2.
```
Delimiter $$
Create function convert(val1 Int)
Return string
Deterministic
Begin
Declare out varchar(20);
If(val1==1){out="one"};
If(val1==2){out="two"};
If(val1==3){out="three"};
If(val1==4){out="four"};
If(val1==5){out="five"};
If(val1==6){out="six"};
If(val1==7){out="seven"};
If(val1==8){out="eight"};
If(val1==9){out="nine"};
If(val1==0){out="zero"};
Return out;
End$$
Delimiter;
Set @out =convert(123);
Select @out;
```

Q3.
```
Declare
num number integer default 0;
rev number:=0;
Begin
while(num>0)
getreverse : Loop
rev=rev*10+mod(num,10);
num=num/10;
End loop getreverse;
```

End;

Q4.
 A)
```
begin
declare cus_name varchar(20);
declare cus_salary int ;
declare finished int default 0;
-- declaring a cursor
declare cus_cursor cursor for select name , salary from customersques4;
-- error handling
declare continue HANDLER FOR  not found set finished =1;
open cus_cursor;
getdetails:LOOP
FETCH cus_cursor into cus_name , cus_salary;
if finished=1
then leave getdetails;
end if;
end loop getdetails;
end
```

B)

```
BEGIN
declare finished int default 0;
declare cus_id int;
declare cus_name varchar(20) default " ";
declare cus_address varchar(20) default " ";
-- declaring cursor
declare cus_cursor cursor for select id , name, address from customersques4 where age>25;
-- error handling
declare continue handler for not found set finished=1;
open cus_cursor;
getdetails:LOOP
FETCH cus_cursor INTO cus_id,cus_name,cus_address;
IF finished=1
then leave getdetails;
end IF;
end loop  getdetails;
close cus_cursor;
end
```


Q5.
```
Delimiter $$
Create trigger pro_trigger
Before update on price
On each row
Begin
Insert into price_Logs(product_code,price , update_at)
```

```
values(product_code,old_price,update_at)
End $$
Delimiter ;
```