1.

$name = "Tanvir Tazul Islam";

$age = 29;

$country = "Bangladesh";

echo "Hello, this is $name. I am $age years old and I am from $country. I am learning PHP and Laravel Development from Ostad. Hopefully it will be a great journey for all of us. Thank you.";

2.

$celsius = 30;

$fahrenheit = 104;

$conversion = "cToF"; //Convert celsius to fahrenheit

//$conversion = "fToC"; //convert fahrenheit to celsius

if($conversion == "cToF"){

echo (($celsius/5)\*9)+32, " degree Fahrenheit.";

}else{

echo (($fahrenheit-32)/9)\*5, " degree Celsius.";

}

3.

$score1 = 90;

$score2 = 85;

$score3 = 78;

$mark = ($score1+$score2+$score3)/3;

echo "Grade: ", ($mark >= 90)? "A":(($mark >= 80)? "B":(($mark >= 70)? "C":(($mark >= 60)? "D":"F")));

4.

//$number = 11;

$number = (int)readline('Please enter an integer number: ');

if($number%2 == 0)

echo "Even number.";

else

echo "Odd number.";

5.

$temperature = 18; //in degree celsius

echo ($temperature > 20)? "It's warm.":(($temperature > 10)? "It's cool.":"It's freezing!");

6.

$number1 = 10;

$number2 = 20;

echo ($number1 > $number2)? $number1:$number2;

7.

$num1 = 10;

$num2 = 5;

$operator = "+"; //change here to change the operators

switch($operator){

case '+':

echo $num1 + $num2;

break;

case '-':

echo $num1 - $num2;

break;

case '\*':

echo $num1 \* $num2;

break;

case '/':

echo $num1 / $num2;

break;

default:

echo "Please enter a valid operator!";

}