1. **WAP to print 'Hello World'**
   1. **Code**

#!/usr/bin/bash

echo "Hello World!"

* 1. **Output**

Hello World!

1. **WAP to Print your details like Name, roll no, branch, Cgpa.**
   1. **Code**

#!/usr/bin/bash

echo "Name: Deepak Maurya"

echo "Roll number: 23053044"

echo "Branch: CSE"

echo "CGPA: X.X"

* 1. **Output**

Name: Deepak Maurya

Roll number: 23053044

Branch: CSE

CGPA: X.X

1. **WAP to add two numbers**
   1. **Code**

#!/usr/bin/bash

read -p "Enter first number: " n1

read -p "Enter second number: " n2

echo "$n1 + $n2 = $(expr $n1 + $n2)"

* 1. **Output**

Enter first number: 100

Enter second number: 20

100 + 20 = 120

1. **WAP to find difference of two numbers.**
   1. **Code**

#!/usr/bin/bash

read -p "Enter first number: " n1

read -p "Enter second number: " n2

echo "$n2 - $n1 = $(expr $n2 - $n1)"

* 1. **Output**

Enter first number: 50

Enter second number: 200

200 - 50 = 150

1. **WAP to convert distance in cm into m , km**
   1. **Code**

#!/usr/bin/bash

read -p "Enter distance in cm: " dist\_cm

dist\_m=$(echo "scale=5; $dist\_cm / 100" | bc)

dist\_km=$(echo "scale=5; $dist\_m / 1000" | bc)

echo "$dist\_cm cm = $dist\_m m"

echo "$dist\_cm cm = $dist\_km km"

* 1. **Output**

Enter distance in cm: 100450

100450 cm = 1004.50000 m

100450 cm = 1.00450 km

1. **WAP to convert temp in Celsius into Fahrenheit.**
   1. **Code**

#!/usr/bin/bash

read -p "Enter temperature in celsius: " temp\_celsius

temp\_fehrenheit=$(echo "scale=2; ($temp\_celsius \* 9 / 5) + 32" | bc)

echo "$temp\_celsius C = $temp\_fehrenheit F"

* 1. **Output**

Enter temperature in celsius: 4

4 C = 39.20 F