No 1 ans:

#!/bin/bash

sum=0

i=0

while [ $i -le 9 ];

do

i=$(( $i + 1))

echo "Enter number $i:"

read num

if [[ $num%2 -eq 0 && $num%8 -ne 0 ]]

then

sum=$(( sum + num ))

fi

done

echo "Summation is: $sum"

No 2 ans:

#!/bin/bash

echo "Enter a Number: "

read num

if [[ $num%4 -ne 0 && $num%5 -ne 0 && $num%10 -eq 0 ]]

then

echo "Rasengan"

else

echo "It is not possible that a number can be neither a multiple of 4 nor a multiple of 5 but divisible by 10"

echo " "

fi

if [[ (( $num%5 -eq 0 || $num%6 -eq 0 )) && $num%$(( 5 \* 6 )) -ne 0 ]]

then

echo "Oodama Rasengan"

fi

if [[ $num%5 -eq 0 && $num%6 -eq 0 ]]

then

echo "Rasen Shuriken"

fi

No 3 ans:

!/bin/bash

echo "Enter the number"

read num

i=2

while [ $i -le $(( num/2 )) ];

do

i=$(( $i + 1))

c=$((num%i))

if [ $c -eq 0 ]

then

echo "$num the number is not a Happy Prime."

exit

else

echo "$num the number is a Happy Prime."

exit

fi

done

No 4 ans:

#!/bin/bash

echo "Enter first number 1: "

read n1

echo "Enter second number 2: "

read n2

echo "Enter third number 3: "

read n3

a1 () {

if [ $n1 -gt $n2 ]

then

local r=$(( $n1 - $n2 ))

echo "Substraction result is $r"

fi

}

a2 () {

if [ $n3 -lt $n2 ]

then

local r=$(( $n3 + $n2 ))

echo "Addition result is $r"

fi

}

a3 () {

if [ $n2 -eq $n3 ]

then

local r=$(( $n2 \* $n3 ))

echo "Multiplication result is $r"

fi

}

a1

a2

a3

No 5 ans:

echo "Enter size of array";

read n;

read -a my\_array

sorted=1;

for ((i = 0; i < $n-1; i++))

do

sorted=0;

for ((i = 0; j < $n-1-$i; j++))

do

if [[ ${my\_array[$j]} -gt ${my\_array[$j+1]} ]]

then

temp=${my\_array[$j]};

my\_array[$j]=${my\_array[$j+1]};

my\_array[$j+1]=$temp;

sorted=1;

fi

done