OS Lab 6

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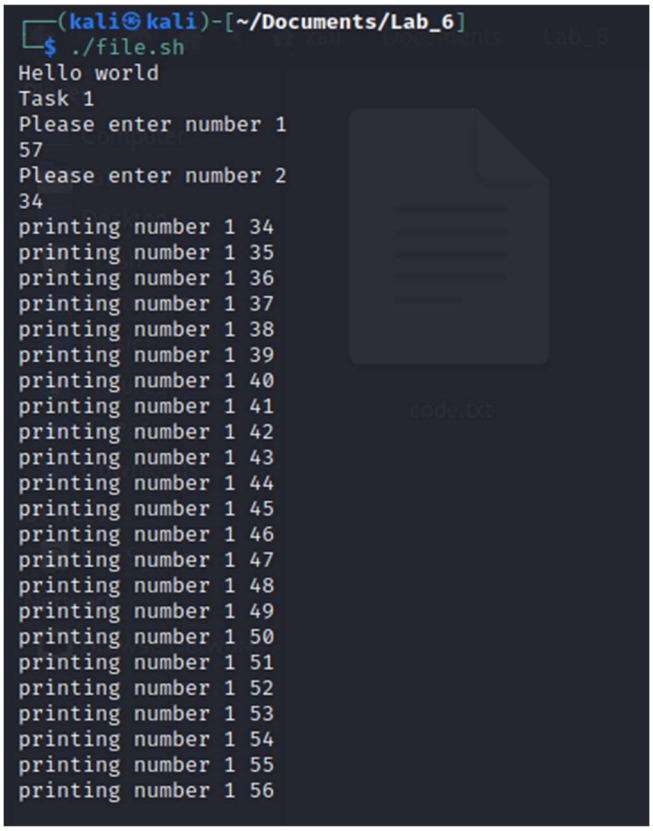
Task 1

```
#!/bin/bash
echo "Hello world"
echo "Task 1"
echo "Please enter number 1"
read num
echo "Please enter number 2"
read num2
if [ $num -gt $num2 ]
then
num=$((num-num2))
num2=$((num+num2))
num=$((num2-num))
fi
while [ $num -ne $num2 ]
do
echo "printing number 1 $num"
num=$((num+1))
done
```

Output



Task 2

Swipping

```
#!/bin/bash
echo "Hello world"
echo "Please enter number 1"
read num
echo "Please enter number 2"
read num2
echo "Swapping"
num=$((num-num2))
num2=$((num+num2))
num=$((num2-num))
echo "number 1"
echo $num
echo "number 2"
echo $num2
```

Output