

arr 1 \rightarrow palindrome
arr 2 \rightarrow prime



PAGE NO.

DATE: / /

Vansh Chhabra

590022567

```
#!/bin/bash
# array.sh
# usage ./array.sh
```

```
arr [1] = (123, 345, 121, 236)
arr [2] = (2, 8, 12, 20)
```

```
# for palindrome number
```

```
rev=0
for i in (123, 345, 121, 236)
do
    n=$i
    while [ $i -gt 0 ];
    do
        digit=$((i%10))
        rev=$((rev*10+digit))
        sum=$((sum+digit))
        i=$((i/10))
    done
    if [ $n -eq $rev ]; then
        echo "$n is a palindrome number"
        echo "position of $n is"
    fi
done
```

```
for j in (2, 8, 12, 20)
do
    m2=$j
    for ((j, j-1, m2, j++))
```