

#prime in a range

```
read -p"enter the upper lim: " n
echo "prime no. in between 1 to $n are:"
for (( i = 1; i <= n; i++ )); do
    ct=0
    for (( j = 2; j*j < i+1; j++ )); do
        if [[ $i%$j -eq 0 ]]; then
            ct=1
            break
        fi
    done
    if [[ ct -eq 0 ]]; then
        echo "prime no: $i"
    fi
done
```


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input

```
prime no: 313
prime no: 317
prime no: 331
prime no: 337
prime no: 347
prime no: 349
prime no: 353
prime no: 359
prime no: 367
prime no: 373
prime no: 379
prime no: 383
prime no: 389
prime no: 397
prime no: 401
prime no: 409
prime no: 419
prime no: 421
prime no: 431
prime no: 433
prime no: 439
prime no: 443
prime no: 449
prime no: 457
prime no: 461
prime no: 463
prime no: 467
prime no: 479
prime no: 487
prime no: 491
prime no: 499
prime no: 503
prime no: 509
prime no: 521
prime no: 523
prime no: 541
prime no: 547
prime no: 557
```

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input

```
prime no: 479
prime no: 487
prime no: 491
prime no: 499
prime no: 503
prime no: 509
prime no: 521
prime no: 523
prime no: 541
prime no: 547
prime no: 557
prime no: 563
prime no: 569
prime no: 571
prime no: 577
prime no: 587
prime no: 593
prime no: 599
prime no: 601
prime no: 607
prime no: 613
prime no: 617
prime no: 619
prime no: 631
prime no: 641
prime no: 643
prime no: 647
prime no: 653
prime no: 659
prime no: 661
prime no: 673
prime no: 677
prime no: 683
prime no: 691
prime no: 701
prime no: 709
prime no: 719
prime no: 727
```

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input

```
prime no: 701
prime no: 709
prime no: 719
prime no: 727
prime no: 733
prime no: 739
prime no: 743
prime no: 751
prime no: 757
prime no: 761
prime no: 769
prime no: 773
prime no: 787
prime no: 797
prime no: 809
prime no: 811
prime no: 821
prime no: 823
prime no: 827
prime no: 829
prime no: 839
prime no: 853
prime no: 857
prime no: 859
prime no: 863
prime no: 877
prime no: 881
prime no: 883
prime no: 887
prime no: 907
prime no: 911
prime no: 919
prime no: 929
prime no: 937
prime no: 941
prime no: 947
prime no: 953
prime no: 967
```

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input

```
prime no: 761
prime no: 769
prime no: 773
prime no: 787
prime no: 797
prime no: 809
prime no: 811
prime no: 821
prime no: 823
prime no: 827
prime no: 829
prime no: 839
prime no: 853
prime no: 857
prime no: 859
prime no: 863
prime no: 877
prime no: 881
prime no: 883
prime no: 887
prime no: 907
prime no: 911
prime no: 919
prime no: 929
prime no: 937
prime no: 941
prime no: 947
prime no: 953
prime no: 967
prime no: 971
prime no: 977
prime no: 983
prime no: 991
prime no: 997

...Program finished with exit code 0
Press ENTER to exit console.
```