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Dept.: CSE Year: 4th IT lab Assignment 17 Date: 04-03-2021

1. Write a program in perl to display the fibonacci sequence upto ten terms.

```
📞 Execute | > Share
                           main.pl >>
                                        ... Result
    $a = 0;
                                          $perl main.pl
    $b = 1;
   $switch = 0;
my @a = (3..10);
printf "0\n";
printf "\n";
                                          0
                                          1 2 3 5 8 13 21 34
    for my $i (@a){
         $res = $a + $b;
printf "$res ";
          if($switch){
               b = res;
               $switch = 0;
         else{
               a = res;
               $switch = 2;
    }
```

2. Write a program in perl to add the digits of a multi digit number.

```
$a = 845;
$b = 98;
$res = $a+$b;
printf "result = $res";
$perl main.pl
result = 943
```

3. Write a program in perl to find all the numbers between 1 & 100 that are divisible by 4.

```
& Execute | > Share main.pl >>
                                             ı.lı Resul
       @a = (1..100);
r my $i (@a){
   if($i%4==0){
      printf "$i\n";
                                               $perl
                                               4
                                               8
                                               12
                                               16
                                               20
                                               24
                                               28
                                               32
                                               36
                                               40
                                               48
                                               52
                                               56
                                               60
                                               64
                                               68
                                               72
                                               76
                                               80
                                               84
                                               88
                                               92
                                               96
                                               100
```