Experiment - 15

M:
Write a program which illustrates the use of associate arrays in perl.

Program:

```
%ages = ('kiran' => 19, 'vijay' => 21, 'raju' => 20);
print "original Array:\n";
print "= = = = = = = = = = = =\n";
while ((($key) = each %ages)
{
print "$key is $ages{$key} years old\n";
}
$ages{'mayur'} = 24;
print "\nAfter adding element :\n";
print "= = = = = = = = = = = =\n";
while (($key) = each %ages)
{
print "$key is $ages{$key} years old\n";
}
delete ($ages{'vijay'});
print "\nAfter deleting element :\n";
print "= = = = = = = = = = = =\n";
@all_keys = keys(%ages);
print "keys are : @all_keys\n";
@all_values = values(%ages);
print "values are : @all_values";
```

OUTPUT:

$ perl ex.pl

Original Array:

= = = = = = = = = =

Vijay is 21 years old

raju is 20 year old

Kiran is 19 years old

After adding element:

= = = = = = = = = =

Vijay is 21 years old

mayur is 24 years old

raju is 20 years old

Kiran is 19 years old

After deleting element:

= = = = = = = = = =

Keys are: Vijay mayur raju Kiran

Values are: 21 24 20 19

Experiment-16

AIM:-
To Write a perl program takes set names along the command line and prints whether they are regular files or special files.

program:

```
$len = @ARGV;
for ($i=0 ; $i<$len; $i++)
{ if (-e $ARGV[$i])
  {
  if(-T $ARGV[$i])
  {
   print "$ARGV[$i] is a text file\n";
  }
  else
  {
   print "$ARGV[$i] is a special file\n";
  }
  }
else
  {
   print "$ARGV[$i] does not exits\n";
  }
  }
```

OUTPUT:

```
$ perl ex1.pl nnn.txt ex.pl index.jpg
nnn.txt does not exists
ex.pl is a text file
index.jpg is a special file
```

Experiment-17:

AIM:

To write a perl program to implement UNIX 'passwd' program.

Program:

```
my $salt = '';
my $encrypted = '';
my $password = '';
my $use = 'Usage: Please provide password for
            encrypt';
my @saltchars = ('.', '/', 0..9, 'A'..'Z', 'a'..'z');
my $args = @ARGV;
if ($args <1 || $args >2)
{ print "$use\n";
  exit;
}
$password = $ARGV[0];
if ($args ==1)
 {
  ~~else~~
 }
 }
$salt = join('', @saltchars[rand(64), rand(64)]);
else {
$salt = $ARGV[1]; }
$encrypted = crypt($password, $salt);
```

print "$ password -> $encoypted \n";

OUTPUT:

$ per 17.pl alexchilaka7575@gmail.com alex@2000

alexchilaka7575@gmail.com: -> ~~alex@2000~~.
aln9lgLsYNkxk.