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PROGRAMS

1) write a perl program for matching a pattern.

```
#user/bin/perl
```

```
$a = " hello An apple a day ";
```

```
if ($a =~ /Apple/)
```

```
{
```

```
    print "its matching";
```

```
}
```

```
else
```

```
{
```

```
    print "doesn't match";
```

```
}
```

```
}
```

2) write a perl program to match a pattern using bind operator.

```
#user/bin/perl
```

```
$a = "X >
```

```
if ($a =~ m{Apple})
```

```
{
```

```
    print "its matching";
```

```
}
```

```
else
```

```
{
```

```
    print "doesn't match";
```

```
}
```

```
}
```

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3) write a perl program that matches any single character except new line.

```
#user/bin/perl
print "enter the sentence" ;
$a = <>;
if ($a =~ /h...o/)
{
    print "it matches";
}
else {
    print "doesn't match";
}
```

4) write a perl program that matches any single character zero or one time.

```
#user/bin/perl
print "enter the text" ;
$a = <>;
if ($a =~ /h.?o/)
{
    print "it matches";
}
else {
    print "Doesn't match";
}
```

5) write a perl program that matches any single character one or more time.

```
#user/bin/perl
print "enter the text" ;
$a = <>;
if ($a =~ /h.+o/)
{
    print "it matches";
}
```


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```
else
{ print "doesn't match"; }
```

6) Write a perl program that matches any single character zero or more time.

```
#user/bin/perl
$a = <>;
if ($a =~ /h.*o/)
{ print "it matches"; }
else
{ print "Doesn't match"; }
```

7) Write a perl program to check whether the entered number is a mobile number or not.

```
#user/bin/perl
$a = <>;
if ($a =~ /^C#|+#[\d{2?+}]+|-+[\d{3?+}]$/)
{ print "it matches"; }
else
{ print "it doesn't match"; }
```

8) Write a perl program that can translate characters in a list.

```
#user/bin/perl
$a = <>;
$a =~ s/a/o/;
print $a;
```