

# PERL GETPROTOBYNUMBER FUNCTION

[http://www.tutorialspoint.com/perl/perl\\_getprotobynumber.htm](http://www.tutorialspoint.com/perl/perl_getprotobynumber.htm)

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## Description

This function translates the protocol NUMBER into its corresponding name in a scalar context, and its name and associated information in a list context: *\$name*, *\$aliases*, *\$protocol\_number*.

## Syntax

Following is the simple syntax for this function –

```
getprotobynumber NUMBER
```

## Return Value

This function returns undef on error otherwise protocol number in scalar context and empty list on error protocol record *name*, *aliases*, *protocolnumber* in list context.

## Example

Following is the example code showing its basic usage –

```
#!/usr/bin/perl

($name, $aliases, $protocol_number) = getprotobynumber(6);

print "Name = $name\n";
print "Aliases = $aliases\n";
print "Protocol Number = $protocol_number\n";
```

When above code is executed, it produces the following result –

```
Name = tcp
Aliases = TCP
Protocol Number = 6
```

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