

Switch statements (Kangaroos would be a switcharoo)

```
void printerror (int error )
```

```
{  
    switch (error)  
    {  
        case 0 : cout << "Hours for a day cannot be less than zero \n";  
            break;  
        case 1 : cout << "Hours for a day cannot be more than 8 \n";  
            break;  
        case 2 : cout << "Hours for a week cannot be more than 40 \n";  
            break;  
        case 3 : cout << "Hours for a day cannot be more than 8 \n";  
            break;  
        case 4 : cout << "Pay rate cannot be less than minimum wage \n";  
            break;  
        case 5 : cout << "Pay rate cannot be more than $50 \n";  
            break;  
        case 6 : cout << "Id less than or equal to zero \n";  
            break;  
        case 7 : cout << "Id cannot be greater than 9999 \n";  
            break;  
        default : cout << "Error number "<<error << endl;  
    }  
}
```

This function uses a switch statement to print the error message.

```
void printday (int i )
```

```
{ cout << "Enter Hours for " ;
```

```
switch (i)
```

```
{
```

```
case 0 : cout << "Sunday";
```

```
break;
```

```
case 1 : cout << "Monday";
```

```
break;
```

```
case 2 : cout << "Tuesday";
```

```
break;
```

```
case 3 : cout << "Wednesday";
```

```
break;
```

```
case 4 : cout << "Thursday";
```

```
break;
```

```
case 5 : cout << "Friday";
```


```
break;
```

```
case 6 : cout << "Saturday";
```

```
break;
```

```
}
```

```
}
```



This is the switch statement; it is using the counter for the **for** loop (counter i) to determine which day of the week is to be printed as part of the user prompt.

```
void printmonth (int i )
{ switch (i)
  { case 0 : cout << "January";
    break;
    case 1 : cout << "February";
    break;
    case 2 : cout << "March";
    break;
    case 3 : cout << "April";
    break;
    case 4 : cout << "May";
    break;
    case 5 : cout << "June";
    break;
    case 6 : cout << "July";
    break;
    case 7 : cout << "August";
    break;
    case 8 : cout << "September";
    break;
    case 9 : cout << "October";
    break;
    case 10: cout << "November";
    break;
    case 11: cout << "December";
    break;
  }
}
```

←

This is the switch statement; it is using the counter for the ***for*** loop (counter i) to determine which month is to be printed as part of the user prompt.