### Register Table

<table>
<thead>
<tr>
<th>Register</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>eax</td>
<td>42</td>
</tr>
<tr>
<td>ebx</td>
<td>12</td>
</tr>
<tr>
<td>ebp</td>
<td>4</td>
</tr>
<tr>
<td>esp</td>
<td>1</td>
</tr>
<tr>
<td>eip</td>
<td>6</td>
</tr>
<tr>
<td>eflags</td>
<td>0</td>
</tr>
</tbody>
</table>

### Displacement Calculation

```
 displacement = base + [esp + 10]
```

### Stack Variables

- **Value**: 42.0f
- **Local Variable**: for main()
- **Call Stack**: for p1()

### Notes

- p2() does not use the stack
- Stack frame for p1() stack frame for main()