Task 1

Claire is starting up her own clothing company from home. She has decided that she will host her website using her own computer as a web server.

Explain why hosting her own website might cause problems in the future.

|  |
| --- |
|  |

Task 2

Use the internet and what you’ve learnt so far to put this DNS process in order (1 = Start 11= Finish) The start and finish have been done for you.

|  |  |
| --- | --- |
| **Task** | **Step** |
| Enter URL into browser | 1 |
| DNS responds with details of the name server |  |
| Name server responds with IP address of the host |  |
| Server hosting the site sends across content |  |
| ISP sends IP address to the browser |  |
| Browser requests IP address of site from ISP |  |
| Website displayed to the user | 11 |
| ISP asks name server for site IP address |  |
| Browser receives website content |  |
| Browser sends request to the server hosting the site |  |
| ISP requests IP address from DNS server |  |

Task 3

Identify the differences between an IP address and a MAC address.

|  |  |
| --- | --- |
| **IP Address** | **MAC Address** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Task 4

Identify the five parts that make up a URL address.

|  |  |
| --- | --- |
| scheme-url |  |
| subdomain-url |  |
| second-leveldomain-url |  |
| top-level-domain-url |  |
| subdirectory-url |  |

Task 5

List a range of services provided by an Internet Service Provider (ISP)

|  |
| --- |
|  |