```
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 L'isternas Compritacionais
                                Fida 8
II
Cliente:
int main (int argc, char * court arg ~ []) }
   chan suf [4096];
   if (arge! = 4) {
    Printf("Vrage: % a server-ip-address port-number filencome no,
           ang N [0]);
   exit(1);
 FILE * flo = fopen (argr [3] ," 2");
 if ( f = = NULL) }
     person ("fopen");
     exit (1);
 int mocket - description = my - comment - to - server (argra[1], argra[2]);
 While (1) 3
 int m = fread (buf, 1, nigeof (buf), fp);
    int (n = = 0)
         break;
     write ( mothet, discriptor, but, ~);
  fdone (fp);
 return 0;
```

```
Survidor:
int main (int age, chan * angro []) }
not new-nocket-discripton, nocket-discripton, m;
insigned int clilin;
stanct sockaddi- in eli- addr;
il (arge! = 2) {
 paint/"Vrage: 900 port- number \n", angr [0]);
 ixit 1;
 signol (SIGPIPE, JEG-IGN);
 nocket - description = weate - super - socket (ato; (arg N[1]));
 while (1) }
  chan cj
  clas buffer [4096];
 da filena me [1024];
  paintf ("Waiting connections \");
 new_ sourt - description = a cupt (socket-description, (struct rockaddn*)
       Leli- addr, 2 chilum);
  roigand (SIUCHLD, SI6_IGN);
 2 = for K ();
```

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Sistemas computacionais
                           - Ficha 8
Suridor (cont.):
  printf ("Commection from % 51 m", inet - ~ to a (* ((struct in - add n *)
 if (n = = 0) {
      f(di-adde. sin-adda) )));
    strepy (filmanne, "file xxxxxxxxxx bin");
    int fold = m Ksterps (filmanne, 4);
   FILE * fo = fdopun(fdd, "n+");
  m = red (new - nocket - auxi pton, but, rignof (buf));
  if (m = = 0)
       brenk
    fruite (but, m, 1, fp);
Ichne (fp);
exit (-1);
close (men_ rocket - descripton);
```

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Sistemes Compreterionais
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II
int main (int argo, chank const angw[]) }
   chan buffer [4096];
  chan lettp-mag 1[] = "GET Injer/sixte/pl/sla, letone HTTP/1.1\ xla"
   "Host; www. dee. inep. ipp. pt | x | m | x | m";
  int a = my-connect-to-server ("are.dec.imp.ipp. pt", "80").
  write (s, lettp-mag1, stale (lettp-mag1));
              11 F/ag que vai se activa apois encontra linka em branco
 FILE * fp = fdoper (s, "n+");
 while (fgita (butter, aiscof (sunfle), fb)! = NULL) }
       if (flag = = 0) }
        int blank = stremp (buffe, " n m");
        if [blank = = 0) } // stromp retorne & grando 1 = 12
      f prits (breffer, stdoret);
neturn 0;
```

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