

```
PROGRAM PtrDump;
USES Printer;

TYPE
PtrSplitter =
RECORD
PtrOffset,PtrSegment : Word;
END;
String80 = STRING[80];

VAR
I : Integer;
PtrArray : ARRAY[1..50] OF ^String80;

BEGIN
Write('Allocating 50 pointers');
FOR I := 1 TO 50 DO
BEGIN
New(PtrArray[I]);
Write('.');
END;
Writeln('done. ');
Write('Now writing the pointer values to hardcopy...');
FOR I := 1 TO 50 DO
BEGIN
Writeln(Lst,PtrSplitter(PtrArray[I]).PtrSegment,
',',
PtrSplitter(PtrArray[I]).PtrOffset);
Dispose(PtrArray[I]);
END;
Write(Lst,Chr(12)); { Form feed to printer }
Writeln('Done!');
END.
```