Well, as I say, I’m going to ………………. a lot of ground. Let me try and give a kind of map to …………….. with, of all the different things one can really say about …………………. - erm - because one’s really here talking about one of the most interesting of modern …………………….., something that’s grown up really within our own lifetimes. Erm - something which has changed quite ………………………………… over the last ten years in terms of cost, miniaturization. Computers are one of the few things in this world which ……………………….. in price every year - er - which is quite remarkable. Erm - and they, they also are something which - erm - have both their specialist aspects in computing science but also very ………………………… aspects. It’s something which really is not a specialist interest, in a sense, it goes right across a very large number of different ………………….. And different people look at it in different …………….. You’ll, you’ll have one person arguing that a. a computer is a piece of electronic equipment, another person arguing that that’s totally ………………….., and it, it’s questions like this that I’d like to bring out in, in in this course. Really, how should we actually regard the, the computer, and I want to start off by saying there’s no one …………………. Erm - one of the things I’d like to touch on is really the history of the computer, not because the history is ……………………………in its own right, but if we know a bit about the rate of change of things, if we know where we started from, how rapidly we’re ………………………………., we can hope a bit to project into the future and see where computers are going. Erm - the kind of electronics side, how does it ………………………………, how d’you design one? The kind of detailed structure of the inside of the, the computer. Erm - what is a computer and what will it do? It sounds a very obvious one that a lot of people will think they know the …………………………. to. Erm - really like to question what that answer is. Erm - why do people buy computers? Not usually one asked in an …………………………… course, but in, in fact, if one trying to find out what kinds of computers to ……………………….., where computers are going, the question of why people actually use them, when in fact as you know computers have got an unenviable ………………………………… in a lot of fields. Erm - the software side, programming a, a computer, you will have met that already - erm - the systems ………………………………… side again I want to look at. But this problem of system analysis, how does one really specify what one’s doing. what form one should specify it for for the computer is a. a very ……………………………… one. The man-computer side of, of things, in the title of this course, how does one actually interact with computers, what. what’s changed on, on that front. Erm - the real …………………………. in computer systems, where computers are being used in industry and commerce at the moment, are very much ones where there’s a very close …………………………………. between the person and the computer, and then finally, at the end of this course, I want to touch on one of the very interesting areas, artificial …………………………., where people are attempting to program computers to take on tasks which in, to a certain extent we don’t really ……………………………. how human beings do. So you can see what I meant by saying this is a very wide area. There are people who are specialist in any part of this, and the outlook of a ………………………………. in any one area is, is going to be different from, from another one. Erm - one can get a lot of argument and debate about computers which are really based on looking at it from different ……………………...