omputercay iencescay orhay omputingcay iencescay (ometimessay abbreviatedhay csay) ishay ethay udystay ofhay ethay eoreticalthay oundationsfay ofhay informationhay andhay omputationcay, andhay ofhay acticalpray echniquestay orfay eirthay implementationhay andhay applicationhay inhay omputercay emssystay. Ithay ishay equentlyfray escribedday ashay ethay ematicsystay udystay ofhay algorithmichay ocessespray atthay eatecray, escribeday, andhay ansformtray informationhay. omputercay iencescay ashay anymay ubsay-ieldsfay; omesay, uchsay ashay omputercay aphicsgray, emphasizehay ethay omputationcay ofhay ecificspay esultsray, ilewhay othershay, uchsay ashay omputationalcay omplexitycay eorythay, udystay ethay opertiespray ofhay omputationalcay oblemspray. illstay othershay ocusfay onhay ethay allengeschay inhay implementinghay omputationscay. orfay examplehay, ogrammingpray anguagelay eorythay udiesstay approacheshay otay escribeday omputationscay, ilewhay omputercay ogrammingpray applieshay ecificspay ogrammingpray anguageslay otay olvesay ecificspay omputationalcay oblemspray, andhay umanhay-omputercay interactionhay ocusesfay onhay ethay allengeschay inhay akingmay omputerscay andhay omputationscay usefulhay, usablehay, andhay universallyhay accessiblehay otay eoplepay.

ethay eneralgay ublicpay ometimessay onfusescay omputercay iencescay ithway areerscay atthay ealday ithway omputerscay (uchsay ashay informationhay echnologytay), orhay inkthay atthay ithay elatesray otay eirthay ownhay experiencehay ofhay omputerscay, ichwhay icallytypay involveshay activitieshay uchsay ashay aminggay, ebway-owsingbray, andhay ordway-ocessingpray. oweverhay, ethay ocusfay ofhay omputercay iencescay ishay oremay onhay understandinghay ethay opertiespray ofhay ethay ogramspray usedhay otay implementhay oftwaresay uchsay ashay amesgay andhay ebway-owsersbray, andhay usinghay atthay understandinghay otay eatecray ewnay ogramspray orhay improvehay existinghay oneshay.