



Ngabe isebenza kanjani ikhompyutha?

Patricia Ndlovu

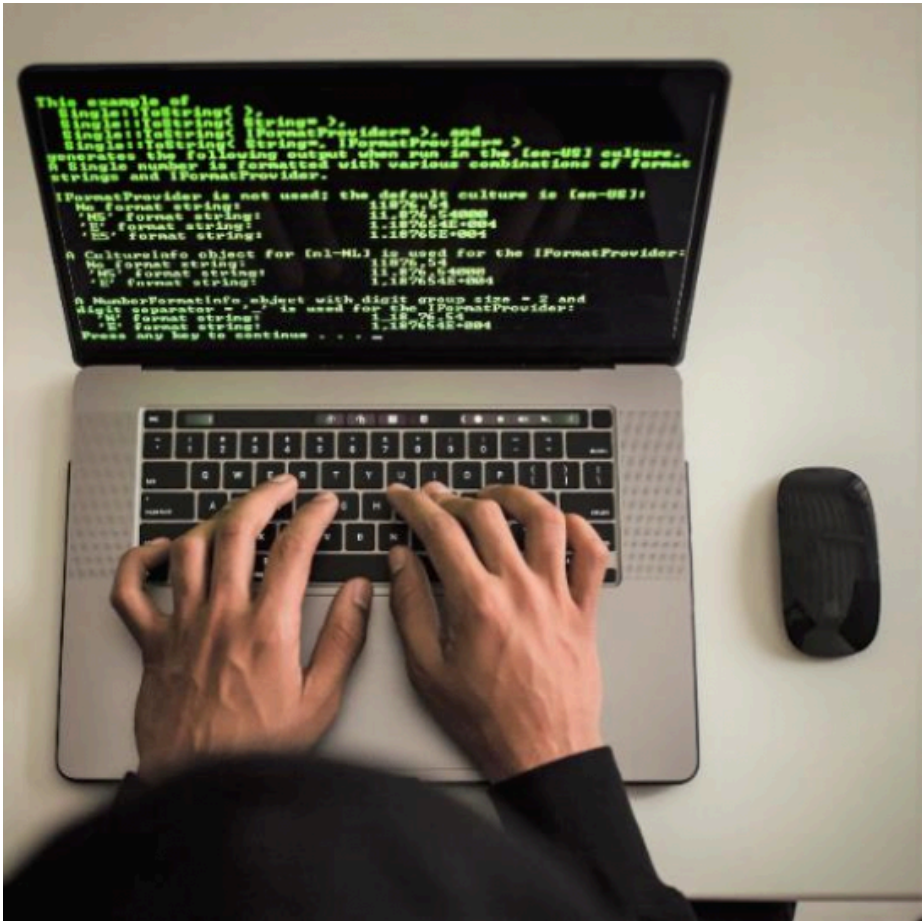
Pexels; Pixabay





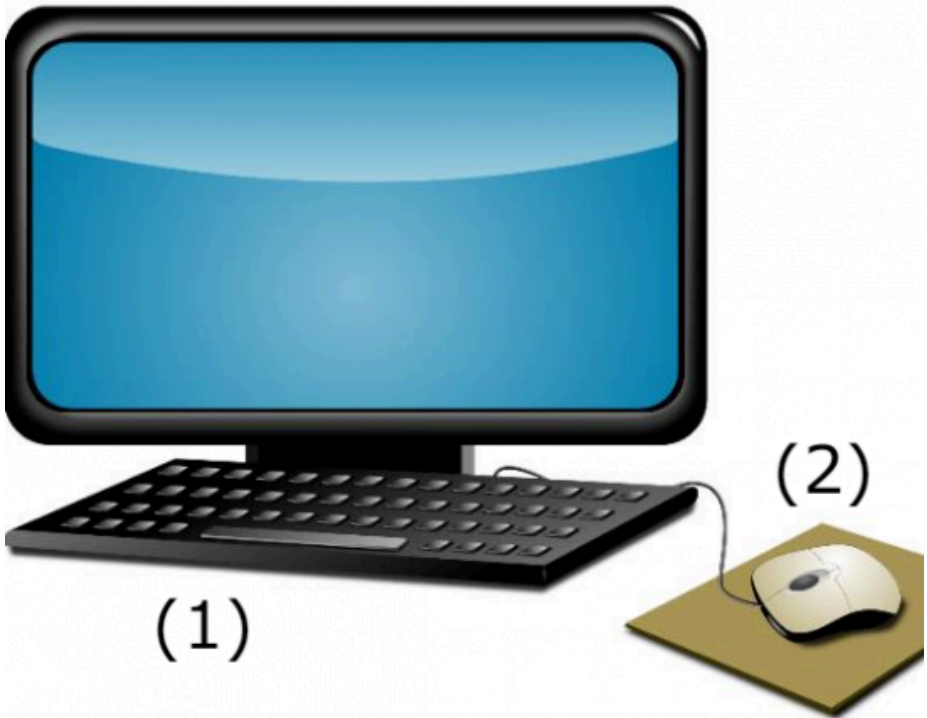
Amakhompyutha asebenza ngolwazi oluqokelelwa lufakwe kuwona olubizwa ngokuthi idatha.

Idatha ingaba yizinhlobo ezihlukene. Ingaba izinhlamvu zokubhala, izinombolo, izithombe noma imisindo.



Uma uqokelela ulwazi ulufaka kukhompuyutha, kuyaye kuthiwe ufaka idatha.

Enye yezindlela zokuqokelela ulwazi ulufake kukhompuyutha ukuluthayipha oqwembeni olunezinhlamvu zokubhala, ikhibhodi.



Uma siqokelela ulwazi silufaka kukhompuyutha
siyaye sisebenzise la mathuluzi alandelayo:

Uqwembe olunezinhlamvu nezimpawu
zokubhala, ikhibhodi (1)

Igundanyana esilichofozayo, imawusi (2)



Sisebenzisa la mathuluzi alandelayo ukufaka idatha ewuhlobo lwemisindo nezithombe kukhompuyutha:

imayikrofoni (3)

ikhamera (4)



Nakuyona ikhomyutha iyatholakala idatha evele ikhona.

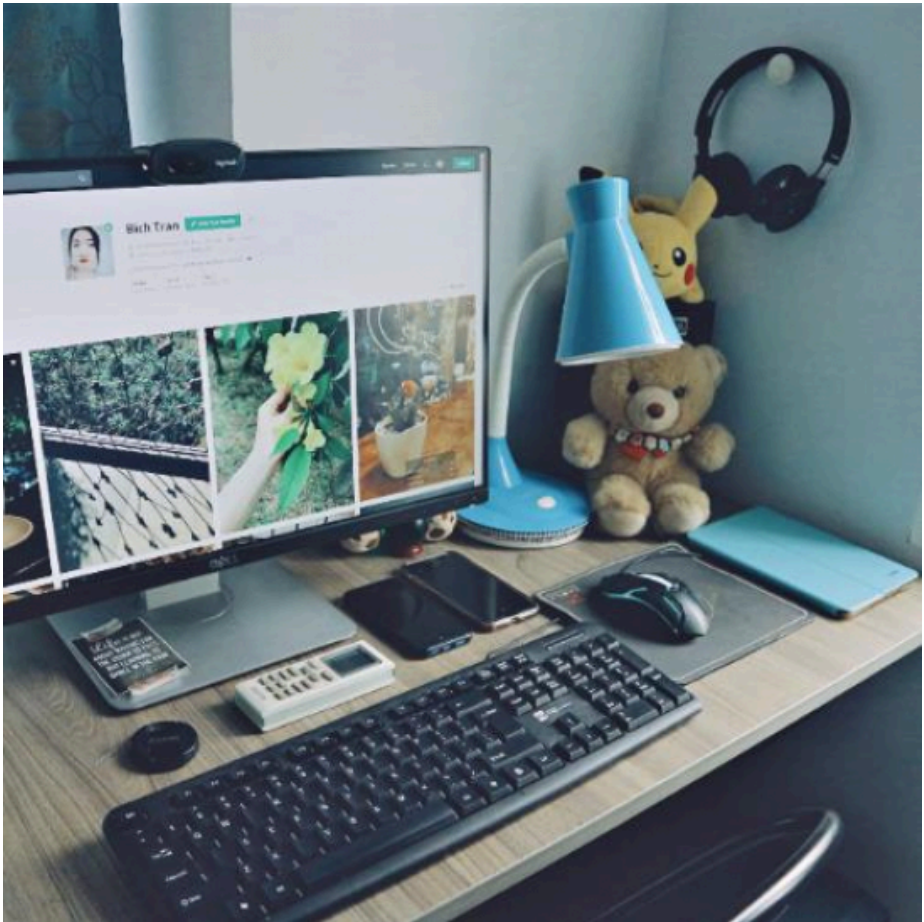
Idatha esiyithola kukhomyutha ibizwa ngokuthi ulwazi oluvele lukhona kuwo umshini lona.

Sisebenzisa isandisimsindo, iloud speaker (5) neskrini (6) ukuthola ulwazi oluvele lukhona kukhomyutha.



Iskrini (6) sona sisinikeza ulwazi ngemifanekiso, izinhlamvu zokubhala kanye nangezinombolo.

Izandisimsindo, amaloudspeakers kanye nezizwakalisimsindo ezixhunywa ezindlebeni, ama-earphones, khona kusinika uhlobo lolwazi oluyimisindo.



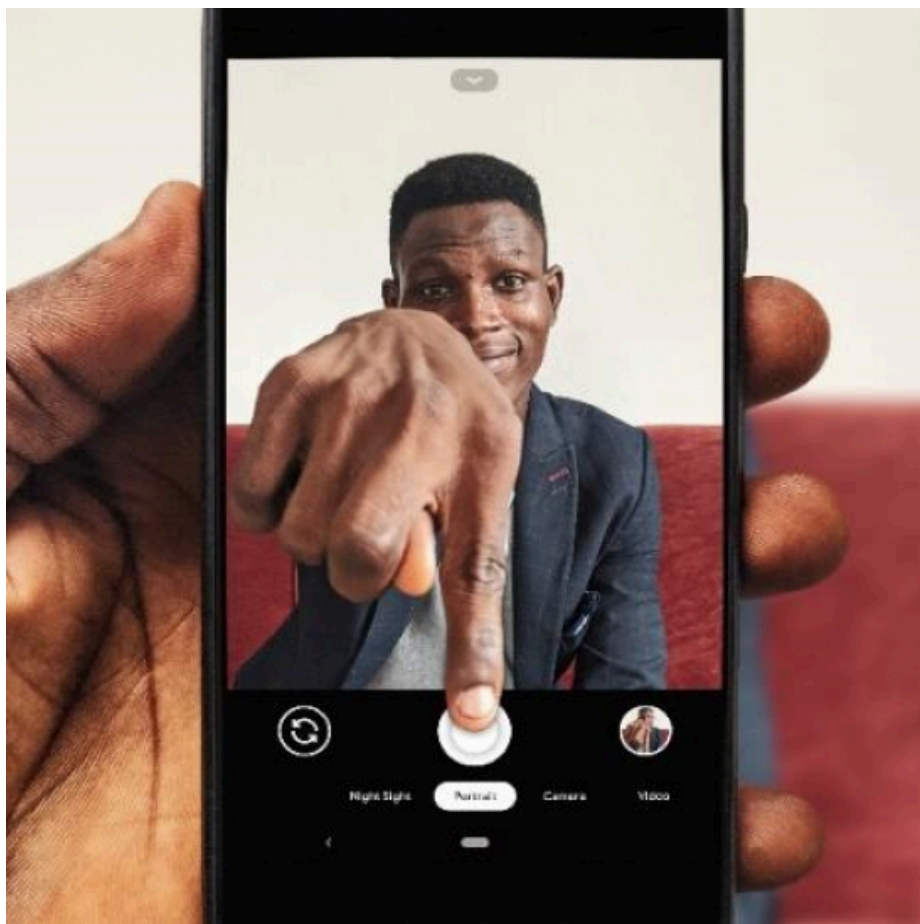
Izingxenywe zekhompnyutha ezibizwa ngokuthi ihardware, zona ziyizingxenywe zekhompnyutha onokuzibamba ngesandla.

Iskrini, ikhibhodi, izipikha, imawusi, imayikrofoni kanye nezizwakalisimsindo ezigaxwa ekhanda, amaheadphones, konke lokho kuyizingxenywe onokuzibamba ngesandla zekhompnyutha.



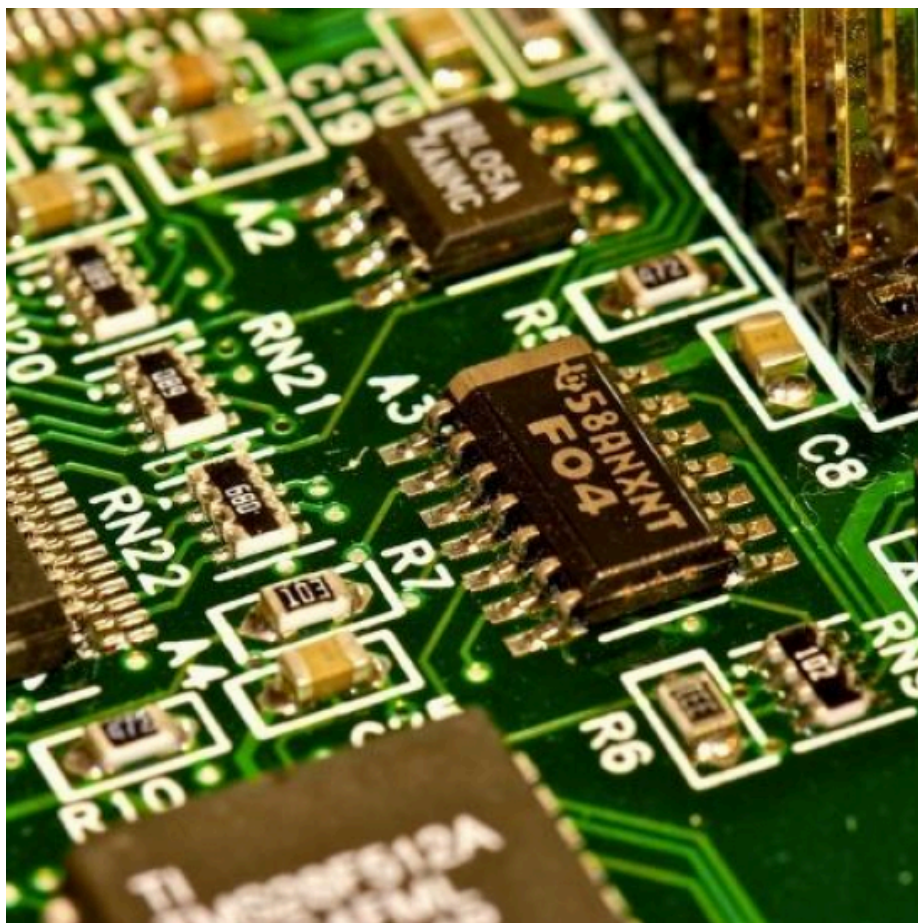
Ukuze ikwazi ukusebenza ikhomyutha, idinga nengxenyane ongeke ukwazi ukuyibamba ngesandla ebizwa ngesoftware.

Isoftware inikeza ikhomyutha imiyalezo ngezindlela zokusebenzisa idatha eyehlukene.



Izinhlelo zokusebenza kanye nezindlela zokuzisebenzisa konke lokhu kuyingxenye yesoftware.

Isibonelo kungaba ukuthi, udinga ukusebenzisa ikhamera kumakhalekhukhwini ohlakaniphile ukuze uthathe izithombe namavidiyo.



Uma uyibheka ngaphakathi ikhomyutha, ubona izingcezwana eziningi ezincane ezibizwa ngokuthi amachips ekhomyutha.

La machips ekhomyutha yiwona acubungula ulwazi ukuze ikhomyutha ikwazi ukusebenza.

—Imibuzo

1. Lubizwa ngokuthini ulwazi olutholakala kukhompuyutha?
2. Ikhithodi nemawusi kungamathuluzi ayizibonelo ze....
3. Siyibiza ngani idatha esiyinikwa yikhompuyutha?
4. Nikeza izibonelo ezimbili zehardware.
5. Iyini isoftware?

Le ncwadi ingeyesibili ezincwadini ezine
eziwuchungechunge ezabhalwa
ngenhloso yokweseka ukufunda
ngobuchwepheshe bekhompyutha.

Iyingxenye yezinsiza zokufunda
zeprojekthi ye-Zenex Ulwazi Lwethu
ezabhalwa ngo-2021.



Ulwazi Lwethu is a Zenex Foundation funded and initiated project to develop a series of graded and leisure African language readers and teacher support materials. This project is targeted at teaching and supporting learners in the Foundation Phase to improve their home language reading and understanding. The readers have been originated in nine African languages in collaboration with Molteno Institute for Language and Literacies, Nelson Mandela Institute for Education and Rural Development, Room to Read South Africa, and Saide. All resources are developed as Open Education Resources (OER).



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Language: isiZulu

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