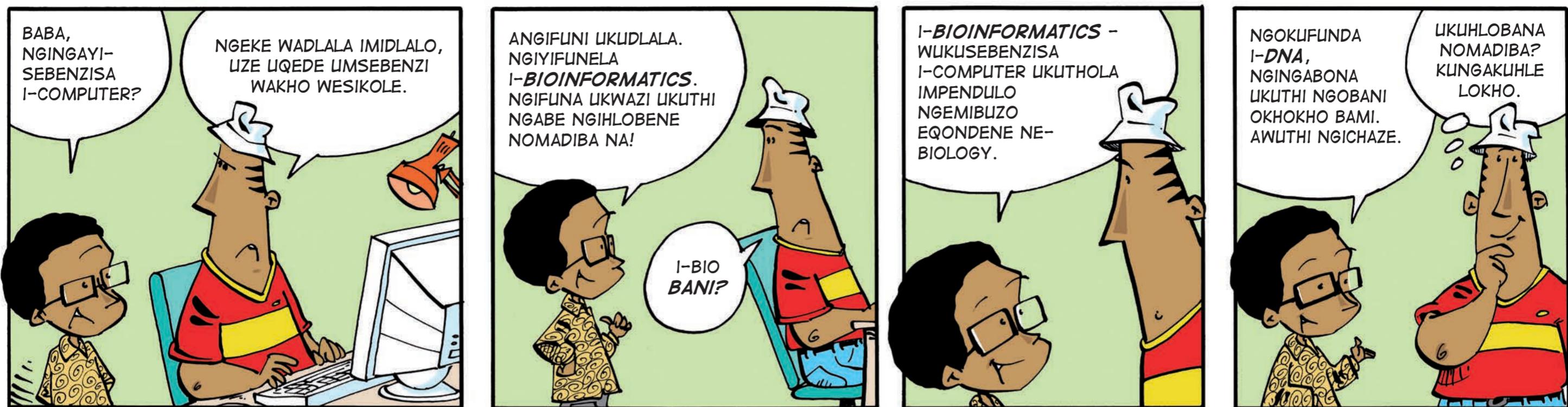


BIOINFORMATICS



DNA I-CODE YEMPILO

I-DNA YAKHIWE NGEZAKHIWO ZAMAKHEMIXHALI EZINE - (ESIWABIZA NGOKUTHI AMA-A, C, G NO-T NGAMAFISHANE).

AMA-CELL EZINTO EZIPHILAYO AQUKETHE I-DNA.

LEZIAKHIWO ZENZA ISITHAKO, OKLUWHLA LWEMIYALELO ESETSHENZISWA UKWENZA AMA-PROTEIN LAPHO KWAKHIWA KHONA I-CELL.

I-DNA SIYITHOLA KUBAZALI BETHU, NABO BANE-DNA ABAYITHOLA KUBAZALI BABO. NGAKHO-KE IZIHLBO ZINAMA-DNA ACISHE AFANE.

UMNDENI OWODWA OMKHULU

NGOKUQHATHA-NISA I-DNA YABANTU ABANINGI, OSOSAYENSE BANGABONA UKUTHI BAHLOBENE KANJANI.

BAKVENZA KANJI LOKHO?

1 AMA-CELL ESIKHUMBA ATHATHWA NGAPHAKATHI KWIZIHLATHI - LOKHU AKUBUHLUNGU! I-DNA IKHISHWA KULAMA-CELL E-LABORATORY.

2 NGOKUSE-BENZISA I-COMPUTER, LE-DNA IQHATHANISWA NE-DNA ETHATHWE KUBANTU KUWI WONKE UMHLABA!

OSOSAYENSE MANJE BAKHOLELWA UKUTHI BONKE ABANTU BAHLOBENE NEDLANZANA LABANTU ABAKE BAHLLALA E-AFRICA.

3 ULWANDLEKAZI LWE-ATLANTIKI I-ASIA

4 ABATHWA BASENINGIZIMU NE-AFRICA BAYIZIHLBO EZISONDELENE NAWO WONKE UMUNTU. UMADIBA UHLLOBENE NABANTU ABANGABATHWA. MHLAWLUMBE NAMI NGIHLOBENE NABO.

BIOINFORMATICS

NGAKHOKE, SISEBENZISA AMANDLA E-COMPUTER KANYE NOLWAZI LWETHU LWEBIOLOGY UKWAZI KABANZI NGOKUHLOBANA KWETHU. LOKHU KUBIZWA NGOKUTHI I-BIOINFORMATICS.

I-BIOINFORMATICS IBUYE ISETSHENZISELWE:

AMA-COMPUTER ANGAZI ISIMO SAMA-PROTEIN (OKUYISISEKOLES ENSENZA INTTOEZIPHILAYO). ANGASETSHENZISWA UKUHLOLA UKUTHI NGABE IMITHI KAMALALEVEVA IZOBULALA AMA-PROTEIN KAMALALEVEVA, INGAWATHINTI AMA-PROTEIN OMUNTU.

UKULWA NEMALARIA (UMALALEVEVA)

IMITHI YOKUHLOLA

AMA-COMPUTER ANGENZIWA UKUTHI AZIPHATHE NJENGAMA-CELL. SINGAHLOLA IMIPHUMELA YOMUTHI OMUSHA KWI-COMPUTER KUNOKUTHI SIYISEBENZISE KWI-CELL EPHILAYO.

KUHLE LOKHU - NGABE SACABANGA NGAKHO KUDALA I-DNA YI-CODE EPHILAYO.