

```

[11pt,a4paper,oneside]report [protrusion=true,expansion=true]microtype amssymb, amsmath [utf8]inputenc
[francais]babel fourier [T1]fontenc [margin=2.5cm]geometry hyperref enumerate fancyhdr listings
language=C++, tabsize=3, frame=lines, keywordstyle=blue, commentstyle=gray, stringstyle=green,
extendedchars=true, numberstyle=, numbersep=5pt, breaklines=true, showstringspaces=false, basicstyle=,
emph=label, inputencoding=utf8, extendedchars=true, literate=é1 è1 ê1 e1 û1 ù1 â1 à1 î1 ç1 Ç1 É1 Ê1 À1
Â1 Î1
NGUYEN Van Tho Institut de la Francophonie pour l'informatique
pdfauthor = , pdfkeywords = , pdftitle =
fancy
[]
document
center tabularl r Encadrement: NGUYEN Thi Oanh

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