**Query 1 : jk rowling books available for less than 100$**

PREFIX a: <http://www.semanticweb.org/anjaliprasad/amazon#>

PREFIX c: <http://www.semanticweb.org/panantha/ontologies/2016/10/comics.owl#>

PREFIX g: <http://www.semanticweb.org/pjbha/goodreads#>

select (str(?n)as ?books) where

{

?b a:Title ?n . ?bo g:title ?n . ?bo g:writtenBy ?athr. ?athr g:LastName ?a. Filter regex(?a,"Rowling"). ?b a:Price ?p. Filter(?p<=100)

}

meta:

PREFIX x: <http://www.semanticweb.org/panantha/ontologies/2016/10/meta-ontology#>

SELECT distinct (str(?pr) as ?price)

WHERE

{

?b x:title ?ans. ?b x:is ?p. ?p x:price ?pr.Filter (?pr<=20). ?b x:writtenBy ?n.?n x:author\_name ?str . Filter regex(?str,"J.K.Rowling")

}

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**Query 2: comics having same characters as that of its book**

PREFIX a: <http://www.semanticweb.org/anjaliprasad/amazon#>

PREFIX c: <http://www.semanticweb.org/panantha/ontologies/2016/10/comics.owl#>

PREFIX g: <http://www.semanticweb.org/pjbha/goodreads#>

select ?ans where{

?story2 g:contains ?char . ?char g:name ?n .?story1 c:contains ?char1. ?char1 c:characters ?n. ?b1 g:has ?story2. ?c c:contains ?story1. ?c c:adaptationOf ?b. ?b c:book\_name ?bn.?b1 g:title ?bn. ?c c:comic\_name ?ans

}

meta:

PREFIX x: <http://www.semanticweb.org/panantha/ontologies/2016/10/meta-ontology#>

SELECT distinct (str(?ans) as ?comics)

WHERE

{

?c x:comic\_name ?ans. ?c x:contains ?story1.?story1 x:contains ?char. ?b x:has ?story2.?story2 x:contains ?char. ?c x:adaptationOf ?b

}

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**Query 3: ratings of books with comics written by Jim Kay**

PREFIX a: <http://www.semanticweb.org/anjaliprasad/amazon#>

PREFIX c: <http://www.semanticweb.org/panantha/ontologies/2016/10/comics.owl#>

PREFIX g: <http://www.semanticweb.org/pjbha/goodreads#>

select ?ans where

{

?bk g:rating ?ans.?bk g:title ?title. ?b c:book\_name ?title. ?c c:adaptationOf ?b. ?c c:authoredBy ?a. ?a c:author\_name ?str. Filter regex(?str,"Jim Kay")

}

meta:

PREFIX x: <http://www.semanticweb.org/panantha/ontologies/2016/10/meta-ontology#>

SELECT (str(?ans) as ?rating) WHERE

{

?b x:rating ?ans. ?c x:adaptationOf ?b. ?c x:createdBy ?t. ?t x:illustrator\_name ?i. Filter regex(?i,"Jim Kay")

}

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**Query 4: comics with same genre as that of book**

individual:

PREFIX a: <http://www.semanticweb.org/anjaliprasad/amazon#>

PREFIX c: <http://www.semanticweb.org/panantha/ontologies/2016/10/comics.owl#>

PREFIX g: <http://www.semanticweb.org/pjbha/goodreads#>

select ?ans where

{

?b1 g:title ?n. ?c c:adaptationOf ?b. ?b c:book\_name ?n. ?c c:belongsTo ?genre. ?genre c:genre\_name ?g.?b1 g:has ?g1. ?g1 g:topGenre ?g.?c c:comic\_name ?ans

}

meta:

PREFIX x: <http://www.semanticweb.org/panantha/ontologies/2016/10/meta-ontology#>

SELECT ?ans WHERE

{

?c x:comic\_name ?ans. ?c x:hasGenre ?n. ?c x:adaptationOf ?b. ?b x:has ?g .?g x:topgenre ?n

}